# First Quarter 2025 Enhanced Air Monitoring Report, Chiquita Canyon Landfill

Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, California 91384

SCS ENGINEERS

01204123.21 Task 11 | May 15, 2025

3900 Kilroy Airport Way, Suite 100
Long Beach, CA 90806
562-426-9544

Table of Contents


Section Page

1.0 Introduction ..... 1
2.0 Quarterly Monitoring and Sampling Summary ..... 1
Continuous Monitoring ..... 1
Discrete Sampling ..... 2
Discrete Samples ..... 2
Time-Composite Samples ..... 3
3.0 Data Review ..... 4
Continuous Monitoring ..... 4
Micro-GC Data ..... 4
Discrete Sampling ..... 4
VOC Data ..... 5
TRS Data ..... 5
Odor Data ..... 5
Time-Composite Sampling ..... 6
VOC Data ..... 6
RAW Data ..... 6
CTEH Supplementary Analysis ..... 6


Tables (In Text)


Table 1. Discrete and Time-Composite Sample Analyte List ..... 3
Table 2. Discrete Analytical Samples ..... 5


Figures


Figure 1 Map of Enhanced Air Monitoring Locations


Appendices


Appendix A Monthly EAMP Air Monitoring Reports
Appendix B CTEH Supplementary Analysis of SCS Engineers' Q1 2025 EAMP Report


This First Quarter 2025 Enhanced Air Monitoring Report for the Chiquita Canyon Landfill, located at 29201 Henry Mayo Drive, Castaic, California, was prepared and reviewed by the following:



Stipe Markotic
Staff Scientist
**SCS ENGINEERS**



Quincy Laris
Staff Scientist
**SCS ENGINEERS**



Raymond H. Huff, REPA
Project Director
**SCS ENGINEERS**

# 1.0 INTRODUCTION

This submittal covers the period from January 1 to March 31, 2025 and has been prepared for the Los Angeles County Department of Public Health (DPH) by SCS Engineers (SCS) on behalf of Chiquita Canyon, LLC (Chiquita) as part of Chiquita's enhanced air monitoring program (EAMP) for the Chiquita Canyon Landfill (Landfill). The enhanced air monitoring program recommendations were presented in an August 15, 2023 workplan (Workplan) submitted to DPH. After consultation with Chiquita's toxicologists from the Center for Toxicology and Environmental Health (CTEH), the EAMP was further expanded to include collection of weekly 24-hour composite samples analyzed for volatile organic compounds (VOCs) and total reduced sulfur (TRS) at the seven off-site monitoring station locations (MS-06 through MS-12).

Please note, in response to the Unilateral Administrative Order (UAO) issued by the United States Environmental Protection Agency (EPA) on February 21, 2024, an updated Workplan was implemented for the EAMP to address the requirements of the UAO. In addition, both the BTEX and TRS monitors at MS-12 were removed during the reporting period to allow room for the installation of the micro-GC as required by the Modified Stipulated Order for Abatement with South Coast Air Quality Management District (SCAQMD); as such, the dataset for this location will be incomplete.

In accordance with the Workplan dated May 2024, the EAMP includes the following components:

- Weekly TRS, odor, and expanded VOC grab sampling at all 12 monitoring station (MS or station) locations.
- Weekly TRS, odor, and expanded VOC grab sampling at two additional on-site locations and three additional off-site locations (17 locations in total).
- Installation of micro-GCs at two (2) offsite locations (MS-10 and MS-12) to monitor an expanded list of VOCs as part of the Modified Stipulated Order For Abatement (SOFA). A complete list of analytes is found in Table 1 of the updated Workplan.

A map showing the locations of the monitoring stations and additional sampling locations is included as **Figure 1**. As shown in **Figure 1**, MS-01 through MS-05 are located around the perimeter of the Landfill, MS-06 through MS-12 are located in the community surrounding the Landfill, and the additional sampling locations are located along Hasley Canyon Road and Chiquito Canyon Road.

A summary of the methods, results and analysis of the data collected from the first quarter of 2025 is presented below. In addition, all monitoring data referenced in this report has been provided to DPH under separate cover via monthly monitoring updates. Per the request of DPH, copies of the raw analytical and monitoring data that was previously provided have been included in this report. A copy of the Monthly EAMP Reports during the first quarter of 2025 are included in **Appendix A**.

# 2.0 QUARTERLY MONITORING AND SAMPLING SUMMARY

## CONTINUOUS MONITORING

Chiquita has a network of twelve air monitoring stations with seven stations located throughout the community surrounding the Landfill (MS-06 through MS-12) and the remaining five stations located on-site (MS-01 through MS-05), around the Landfill perimeter.

Beginning in late August and into early September 2023, SCS added two additional monitoring modules to MS-04 and MS-12. MS-04 is located in the northwest corner of the Landfill. MS-12 is located in the community of Val Verde, approximately 0.5 miles northwest of the Landfill. The additional modules provide continuous $SO_2$ measurement. As of June 26, 2024, SCS added continuous $SO_2$ modules for all remaining onsite and offsite air monitoring stations.

As of September 2024, eight additional micro-GC units were installed as required by the UAO.

# DISCRETE SAMPLING

## Discrete Samples

On a weekly basis, seventeen (17) grab samples are taken at various community and on-site locations, including both the reaction area and the working face. Grab samples collected are analyzed for an expanded list of VOCs, TRS, and odor.

Samples are analyzed for VOCs using U.S. Environmental Protection Agency (EPA) Method TO-15. TRS samples are analyzed using South Coast Air Quality Management District (SCAQMD) Method 307.91. Odor samples are analyzed using a Scentroid SS400 Six Station Portable Olfactometer (SS400), a method compliant with American Society for Testing and Materials (ASTM) E679-04. Results of the odor samples for the reporting period are contained in the Monthly EAMP Reports included in **Appendix A**.

The analytes are listed in **Table 1** below.

Table 1. Discrete and Time-Composite Sample Analyte List

| SCAQMD Method 307.91 Analytes | | | |
|---|---|---|---|
| 2-Methylthiophene | Diethyl Sulfide | Isopropyl Mercaptan | tert-Butyl Mercaptan |
| 3-Methylthiophene | Dimethyl Disulfide | Methyl Mercaptan | Tetrahydrothiophene |
| Bromothiophene | Dimethyl Sulfide (DMS) | Methylethylsulfide | Thiophenol |
| Carbon Disulfide | Ethyl Mercaptan | n-Butyl Mercaptan | Total Reduced Sulfurs |
| Carbonyl Sulfide (COS/SO2) | Hydrogen Sulfide (H2S) | n-Propyl Mercaptan | Total Unidentified Sulfur |
| Diethyl Disulfide | iso-Butyl Mercaptan | sec-Butyl Mercaptan/Thiophene | |
| **EPA Method TO-15 Analytes** | | | |
| 1,1,1-Trichloroethane | 4-Ethyltoluene | Dibromochloromethane | Napthalene |
| 1,1,2,2-Tetrachloroethane | 4-Methyl-2-pentanone (MiBK) | Dichlorodifluoromethane | n-Butylbenzene |
| 1,1,2-Trichloroethane | Acetaldehyde | Dichlorofluoromethane | n-Propylbenzene |
| 1,1-Dichloroethane | Acetone | Dichlorotetrafluoroethane | |
| 1,1-Dichloroethene | Acrolein | Dimethyl Ether | o-Xylene |
| 1,2,3-Trichloropropane | Acrylonitrile | Ethanol | Propene |
| 1,2,4-Trichlorobenzene | Allyl Chloride | Ethyl Acetate | Sec-butylbenzene |
| 1,2,4-Trimethylbenzene | Benzene | Ethylbenzene | Styrene |
| 1,2-Dibromoethane | Benzyl Chloride (4-Chlorotoluene) | Freon 11 | Tertbutanol (TBA) |
| 1,2-Dichlorobenzene | Bromodichloromethane | Freon 113 | Tetrachloroethene (PCE) |
| 1,2-Dichloroethane | Bromoform | Freon 114 | Tetrahydrofuran |
| 1,2-Dichloropropane | Bromomethane | Freon 12 | Toluene |
| 1,3,5-Trimethylbenzene | Carbon Disulfide | Heptane | trans-1,2-Dichloroethene |
| 1,3-Butadiene | Carbon Tetrachloride | Hexachlorobutadiene | trans-1,3-Dichloropropene |
| 1,3-Dichlorobenzene | Chlorobenzene | Hexane | Trichloroethene (TCE) |
| 1,4-Dichlorobenzene | Chlorodifluoromethane | Isopropyl Alcohol | Trichlorofluoromethane |
| 1,4-Dioxane | Chloroethane | Isopropylbenzene | Trichlorotrifluoroethane |
| 2,2,4-Trimethylpentane | Chloroform | m & p-Xylene | Vinyl Acetate |
| 2-Butanone (MEK) | Chloromethane | Methanol | Vinyl Bromide |
| 2-Chlorotoluene | cis-1,2-Dichloroethene | Methyl Methacrylate | Vinyl Chloride |
| 2-Hexanone (MBK) | cis-1,3-Dichloropropene | Methyl Tert Butyl Ether (MTBE) | a-Pinene |
| 2-Propanol (IPA) | Cyclohexane | Methylene Chloride (DCM) | b-Pinene |

Note: Some analytical reports may have less analytes, depending on laboratory capabilities.

## Time-Composite Samples

In addition to weekly discrete sampling, seven (7) 24-hour time-composited air samples are collected from the seven (7) off-site air monitoring stations (MS-06 through MS-12). Time-composite samples are collected over a 24-hour period and analyzed for the same constituents as the discrete samples (refer to **Table 1**).

# 3.0 DATA REVIEW

## CONTINUOUS MONITORING

### Micro-GC Data

In response to the modified SOFA issued by SCAQMD on January 17, 2024, two micro-GC units were installed at MS-10 and MS-12 by the May 1, 2024 deadline. The continuous air monitoring results are hosted online through the Chiquita Canyon website. As of September 2024, eight micro-GC units were brought online as required under the UAO. A link to the real time, continuous data is found below:

https://chiquitacanyon.com/reports/community-air-monitoring-program/

Data is publicly available for viewing and download on the website.

Over the reporting period, there was variation in the measured compounds, but no strong trend of increasing or decreasing concentrations.

The California Office of Environmental Health Hazard Assessment (OEHHA) establishes Acute Reference Exposure Levels (Acute RELs) for airborne compounds. The Acute REL for a compound is defined as the concentration level at or below which no adverse health effects are anticipated for 1 hour of exposure to the compound. The micro-GCs measure compounds hourly, which provides data that can be directly compared to Acute RELs. Of the compounds measured, isopropyl alcohol (IPA), 2-butanone, benzene, toluene, methanol, carbon disulfide, styrene, acrolein and m,p-Xylene have an OEHHA Acute REL. During the past quarter, the micro-GCs have not detected any of these compounds at or above their corresponding OEHHA Acute REL on a one-hour basis, with the exception of benzene at MS-01 and acrolein at MS-06. Exceedances throughout the reporting period are listed below.

- MS-01 exceeded the acute benzene REL on January 22, 2025 at 7:00 AM to 8:00 AM.
- MS-06 exceeded the acute acrolein REL on March 22, 2025 from 12:00 AM to 3:00 AM.
- MS-06 exceeded the acute acrolein REL on March 22, 2025 at 11:00 PM to March 23, 2025 2:00 AM.

Please note, the first two acrolein sensors were installed initially at MS-03 and MS-06 on March 18, 2025. The initial plan was to add acrolein sensors to the rest of the micro-GC units; however, the remaining eight (8) sensors have been delayed for further quality control and quality assurance testing. As a result of the delay and in compliance with the SOFA issued by SCAQMD, the acrolein sensors were moved from MS-03 and MS-06 on April 10, 2025 to MS-10 and MS-12.

## DISCRETE SAMPLING

During the first quarter of 2025, a total of 629 analytical samples were collected from the discrete sampling locations. The locations, as well as the number of samples collected at each location during the reporting period are presented in **Table 2** below.

Table 2. Discrete Analytical Samples

| Location | | Samples Collected During Reporting Period |
|---|---|---|
| On-Site | Reaction Area | 28 |
| | Working Face | 28 |
| | MS-01 | 28 |
| | MS-02 | 28 |
| | MS-03 | 27 |
| | MS-04 | 28 |
| | MS-05 | 28 |
| Off-Site | MS-06 | 50 |
| | MS-07 | 48 |
| | MS-08 | 51 |
| | MS-09 | 50 |
| | MS-10 | 50 |
| | MS-11 | 50 |
| | MS-12 | 51 |
| | SCV | 28 |
| | S. End of Lincoln | 28 |
| | Chiquito Canyon Rd. | 28 |

*Note: Although the sampling strategy involves weekly sampling, accessibility issues impacted the total number of samples collected across various sampling locations.

## VOC Data

During the reporting period, a total of 308 samples were analyzed for a total of 59 to 68 different individual VOCs. There were 23 individual VOCs detected in the 308 samples analyzed. This results in a total individual VOC detections of 347 out of 26,423 results analyzed.

## TRS Data

During the reporting period, total sulfur compounds were not detected in any of the samples.

## Odor Data

In the first quarter of 2025, for on-site samples, the highest odors were detected from samples collected from the reaction area, with concentrations ranging from 1,768 to 17,817 ou/$m^3$.

In the first quarter of 2025, for off-site samples, the highest odors were detected from samples collected from samples taken along Chiquito Canyon Road, with concentrations ranging from <156 to 4,061 ou/$m^3$.

## TIME-COMPOSITE SAMPLING

During the first quarter of 2025, a total of 154, 24-hour time composite samples were collected from the 7 off-site monitoring stations, MS-06 through MS-12. Samples collected were analyzed using EPA Method TO-15 and SCAQMD Method 307.91. Sampling results are discussed below.

### VOC Data

During the reporting period, a total of 70 samples were collected and analyzed for any of 58 different individual VOCs. Out of the 70 samples analyzed, 50 samples detected one or more VOCs. VOC analysis may contain fewer results from all 24-hr sampling. Fewer samples may be a result of accessibility issues along with an excluded samples using the QA/QC procedures included in the Standard Operating Procedures for the Enhanced Air Monitoring Program.

## RAW DATA

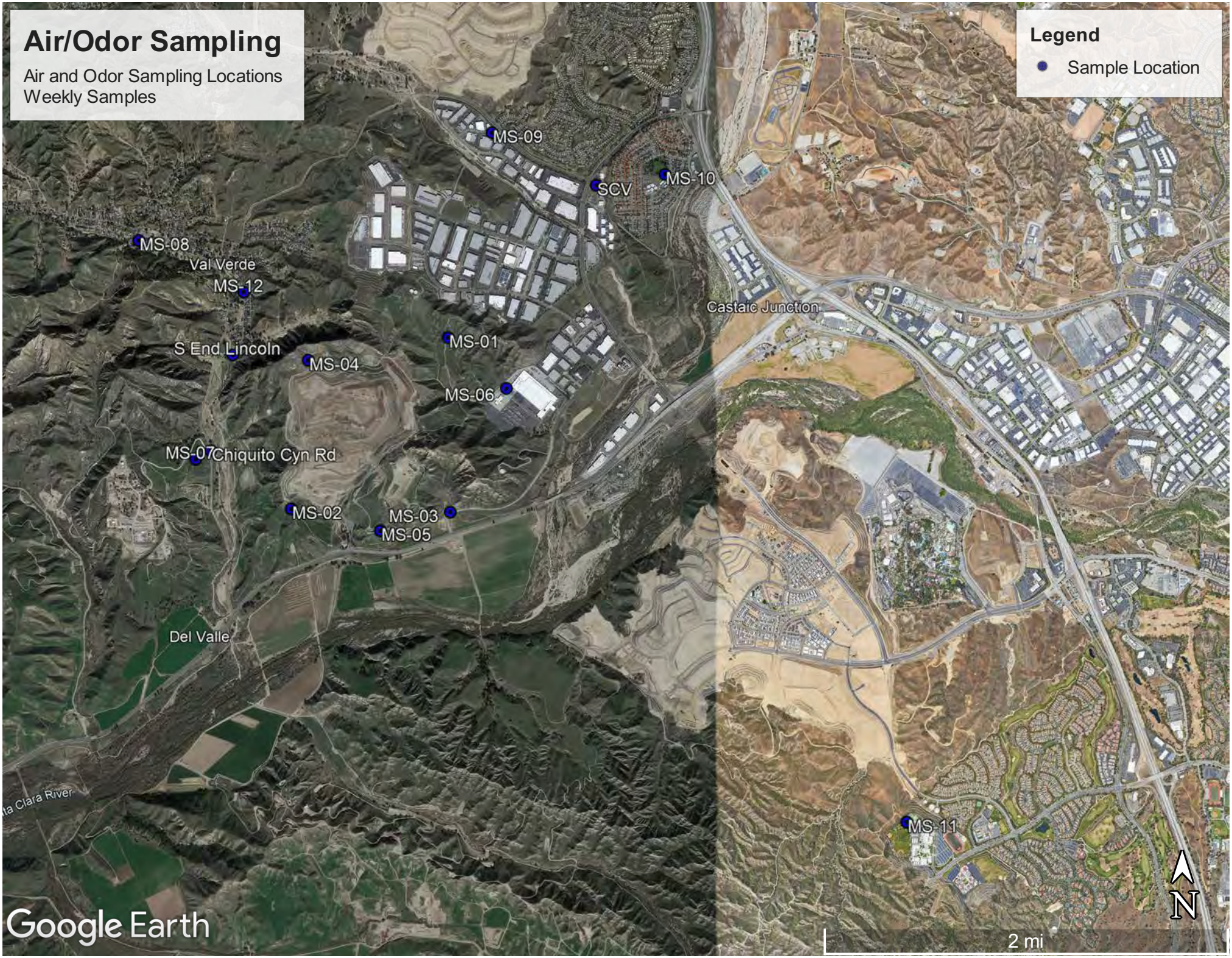
In response to the DPH Response to the First Quarter 2024 Enhanced Air Monitoring Report issued on June 6, 2024; raw data from the Monthly EAMP Reports for the reporting period are now included in **Appendix A.**

## CTEH SUPPLEMENTARY ANALYSIS

At the request of CCL, and in response to the DPH's June 6, 2024 letter, CTEH prepared a supplementary analysis for this report which can be found in **Appendix B.**

Figure 1

Map of Enhanced Air Monitoring Locations


Air/Odor Sampling
Air and Odor Sampling Locations
Weekly Samples
Legend
Sample Location
MS-09
SCV
MS-10
MS-08
Val Verde
MS-12
Castaic Junction
MS-01
S End Lincoln
MS-04
MS-06
MS-07
Chiquito Cyn Rd
MS-02
MS-03
MS-05
Del Valle
MS-11
N
2 mi
Google Earth

# Appendix A

# Q1 2025 Monthly EAMP Reports

February 21, 2025
File No. 01204123.21

Dr. Muntu Davis, M.D., M.P.H.
Health Officer
Department of Public Health
Environmental Health
5050 Commerce Drive
Baldwin Park, California 91706

**Subject:** **Monthly Enhanced Air Monitoring Program Data, January 2025, Chiquita Canyon Landfill**

Dear Dr. Davis:

This submittal has been prepared for the Los Angeles County Department of Public Health (DPH), by **SCS Engineers** (SCS) on behalf of Chiquita Canyon, LLC (Chiquita) as part of the monthly reporting recommendation outlined in the August 15, 2023 letter from Chiquita to DPH (Workplan).

In accordance with the Workplan, SCS has prepared this submittal which contains analytical data from both weekly sampling as well as continuous monitoring data from two enhanced monitoring stations (MS-10 micro-GC and MS-12 micro-GC). A description of the data contained in the submittal is provided below.

## Weekly Sampling Data

Weekly sampling data includes discrete grab samples at all 12 existing air monitoring stations (MS-01 through MS-12) (see **Figure 1**) for an expanded list of volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (EPA) Method 15 (TO-15), sulfur compounds via South Coast Air Quality Management District (SCAQMD) Method 307.91, and odor using a Scentroid SS400 Six Station Portable Olfactometer (SS400), which is a method compliant with E679-04. Results for the January 2024 weekly grab samples and odor samples are found in **Attachment A** and **Attachment B** respectively**.**

In addition, the weekly raw analytical data also includes 24-hour samples at each of the seven off-site monitoring station locations (MS-06 through MS-12). Samples are analyzed for the same constituents as the weekly grab sample analysis. Results for the January 24-hr samples are found in **Attachment C.**

## Enhanced Continuous Monitoring Data

In August 2023, SCS installed continuous air monitoring modules at existing stations MS-04 and MS-12. The monitors analyze benzene, toluene, ethylbenzene, and total xylenes (BTEX) as well as total reduced sulfur (TRS). The intent of the new monitor module installation was to evaluate the data to determine whether these modules should be incorporated into the existing air monitoring stations on a permanent basis by comparing the data to laboratory data and trending the data to see how the real-time data correlates with the laboratory data from samples collected at the same time.

The BTEX and TRS units have since been removed from all stations, consistent with the Enhanced Air Monitoring Program Modification Workplan dated January 29, 2024 and submitted to DPH and SCAQMD.

In response to the modified Stipulated Oder for Abatement (SOFA) issued by SCAQMD on January 17, 2024, two micro-GC units were installed at MS-10 and MS-12 by the May 1, 2024 deadline. The continuous air monitoring results are hosted online through the Chiquita Canyon website. As of September 2024, eight micro-GC were brought online as part of an expansion of the Enhanced Air Monitoring Program. A link to the real time, continuous data is found below:

https://chiquitacanyon.com/reports/community-air-monitoring-program/

If you have any questions in regard to this submittal, please contact either of the undersigned at (562) 426-9544.

Sincerely,

Stipe Markotic
Staff Scientist
**SCS Engineers**

Raymond H. Huff, REPA
Project Director
**SCS Engineers**

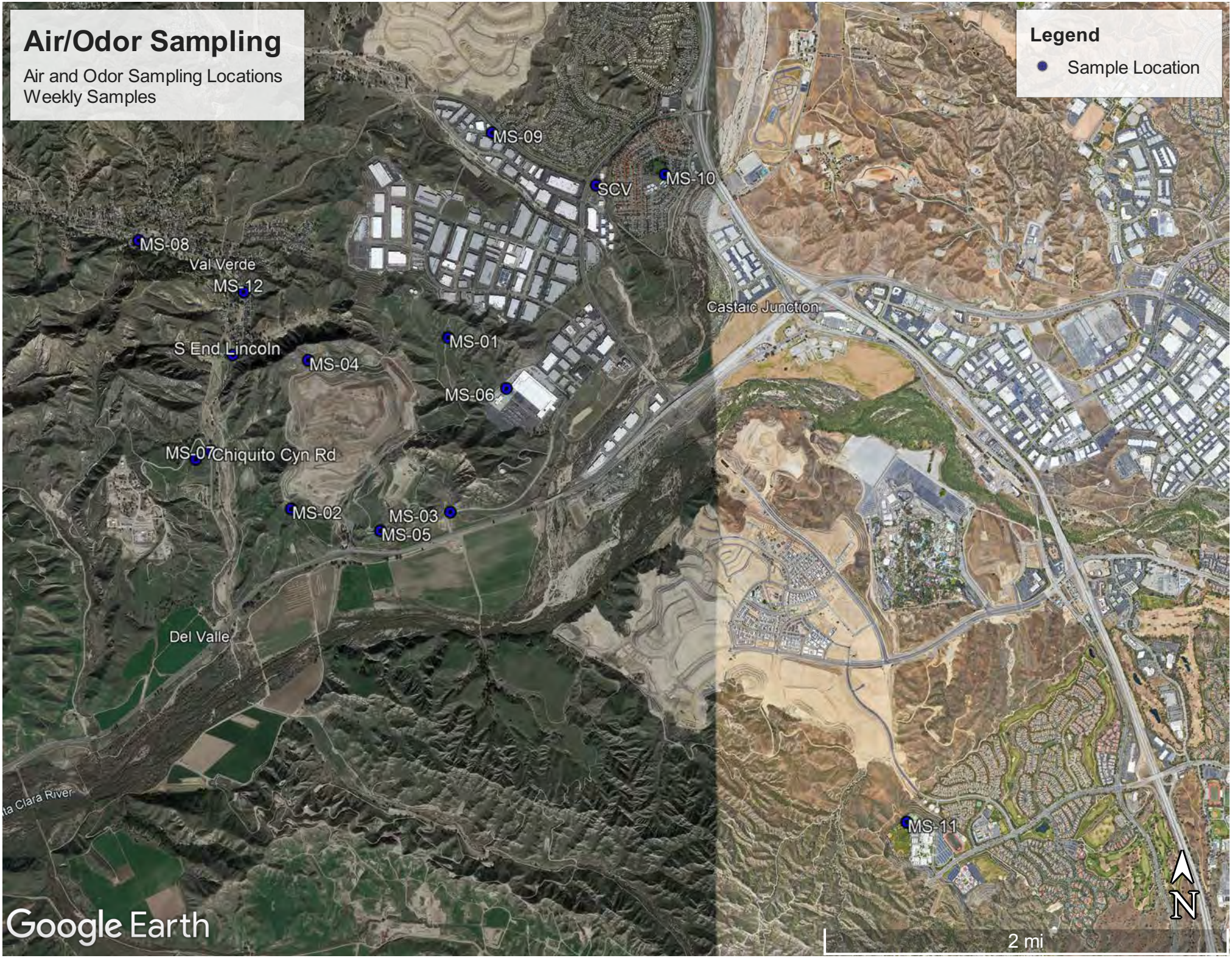
attachments

cc (w/attachments):

Victor Yip (SCAQMD)
Pablo Sanchez-Soria (CTEH)
Edgar De La Torre (LA County Department of Regional Planning)
David Nguyen (PW)
Douglas Cross (Water Resources Control Board)
Shikari Nakagawa-Ota (DPH)
Liza Frias (DPH)
Nichole Quick (DPH)
Joshua Bobrowsky (DPH)
Jacob Kraemer (DPH)
Robert Ragland (DPH)
Blaine McPhillips (County Counsel),
Mark Como (DPH)
Steve Cassulo (CCL)

# FIGURE 1

# MAP OF AIR MONITORING LOCATIONS


Air/Odor Sampling
Air and Odor Sampling Locations
Weekly Samples
Legend
Sample Location
MS-09
SCV
MS-10
MS-08
Val Verde
MS-12
Castaic Junction
MS-01
S End Lincoln
MS-04
MS-06
MS-07
Chiquito Cyn Rd
MS-02
MS-03
MS-05
Del Valle
MS-11
N
2 mi
Google Earth

# ATTACHMENT A

# WEEKLY GRAB SAMPLE LABORATORY ANALYTICAL DATA

# Atmospheric Analysis & Consulting, Inc

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 250006
REPORT DATE : 01/07/2025

On January 2, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250006-69371 | 707.0 | S End Lincoln | 250006-69380 | 711.5 |
| MS-07 | 250006-69372 | 702.5 | MS-01 | 250006-69381 | 698.5 |
| MS-08 | 250006-69373 | 700.5 | MS-02 | 250006-69382 | 702.0 |
| MS-09 | 250006-69374 | 708.5 | MS-03 | 250006-69383 | 714.0 |
| MS-10 | 250006-69375 | 726.0 | MS-04 | 250006-69384 | 695.0 |
| MS-11 | 250006-69376 | 708.5 | MS-05 | 250006-69385 | 705.0 |
| MS-12 | 250006-69377 | 690.0 | Working Face | 250006-69386 | 700.5 |
| SCV | 250006-69378 | 717.0 | Reaction | 250006-69387 | 689.0 |
| Chiquito Cyn Rd | 250006-69379 | 699.0 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69371 | | | | 250006-69372 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 7.26 | 5.00 |
| Methanol | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 7.26 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.90 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.90 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.90 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.90 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69371 | | | | 250006-69372 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69373 | | | | 250006-69374 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.28 | <SRL | U | 1 | 7.17 | 5.00 |
| Methanol | <SRL | U | 1 | 7.28 | <SRL | U | 1 | 7.17 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69373 | | | | 250006-69374 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 99% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69375 | | | | 250006-69376 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | 0.77 | | 1 | 0.70 | 0.73 | | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 7.20 | 5.00 |
| Methanol | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 7.20 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.88 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.80 | 7.01 | | 1 | 2.88 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.88 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69375 | | | | 250006-69376 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | 1.02 | | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | 2.75 | | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69377 | | | | 250006-69378 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.39 | <SRL | U | 1 | 7.10 | 5.00 |
| Methanol | <SRL | U | 1 | 7.39 | <SRL | U | 1 | 7.10 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.96 | <SRL | U | 1 | 2.84 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.96 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.96 | <SRL | U | 1 | 2.84 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.96 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69377 | | | | 250006-69378 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.42 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69379 | | | | 250006-69380 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | 0.83 | | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.26 | <SRL | U | 1 | 7.14 | 5.00 |
| Methanol | <SRL | U | 1 | 7.26 | <SRL | U | 1 | 7.14 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.86 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.86 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69379 | | | | 250006-69380 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69381 | | | | 250006-69382 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.74 | 0.80 | | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.38 | <SRL | U | 1 | 7.25 | 5.00 |
| Methanol | <SRL | U | 1 | 7.38 | <SRL | U | 1 | 7.25 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.95 | <SRL | U | 1 | 2.90 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | 5.13 | | 1 | 2.95 | 3.55 | | 1 | 2.90 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.95 | <SRL | U | 1 | 2.90 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.95 | <SRL | U | 1 | 2.90 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69381 | | | | 250006-69382 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.45 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69383 | | | | 250006-69384 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.34 | 5.00 |
| Methanol | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.34 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.94 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Acetone | 4.44 | | 1 | 2.87 | 4.08 | | 1 | 2.94 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.94 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.94 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69383 | | | | 250006-69384 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69385 | | | | 250006-69386 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | 0.73 | | 1 | 0.72 | 0.77 | | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 7.27 | 5.00 |
| Methanol | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 7.27 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | 5.09 | | 1 | 2.91 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | 6.12 | | 1 | 2.91 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.91 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.91 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250006-69385 | | | | 250006-69386 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250006-69387 | | | | |
| *Date Sampled* | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.74 | 0.50 |
| Propene | <SRL | U | 1 | 1.48 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.74 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.74 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.74 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.74 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.40 | 5.00 |
| Methanol | <SRL | U | 1 | 7.40 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.74 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.74 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.74 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.96 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.74 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.48 | 1.00 |
| Acetone | <SRL | U | 1 | 2.96 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.96 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.48 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.74 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.48 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.74 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.48 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.96 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.74 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.74 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.48 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | 0.50 |
| Hexane | <SRL | U | 1 | 0.74 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.74 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.74 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/02/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250006-69387 | | | | |
| *Date Sampled* | 01/02/2025 | | | | |
| *Date Analyzed* | 01/03/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Benzene | <SRL | U | 1 | 0.74 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.74 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.74 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.48 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.74 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.74 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.74 | 0.50 |
| Heptane | <SRL | U | 1 | 0.74 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.74 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Toluene | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.48 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.74 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.74 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.74 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.48 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.74 | 0.50 |
| Styrene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.74 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.74 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.74 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.74 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.74 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.74 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.74 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.74 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.74 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250006**
**MATRIX : AIR**

**DATE RECEIVED : 01/02/2025**
**DATE REPORTED : 01/07/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250006-69371 | 01/02/2025 | 01/03/2025 | <SRL | 1.44 | 1.0 | 97% |
| MS-07 | 250006-69372 | 01/02/2025 | 01/03/2025 | <SRL | 1.45 | 1.0 | 95% |
| MS-08 | 250006-69373 | 01/02/2025 | 01/03/2025 | <SRL | 1.46 | 1.0 | 99% |
| MS-09 | 250006-69374 | 01/02/2025 | 01/03/2025 | <SRL | 1.43 | 1.0 | 95% |
| MS-10 | 250006-69375 | 01/02/2025 | 01/03/2025 | <SRL | 1.40 | 1.0 | 96% |
| MS-11 | 250006-69376 | 01/02/2025 | 01/03/2025 | <SRL | 1.44 | 1.0 | 96% |
| MS-12 | 250006-69377 | 01/02/2025 | 01/03/2025 | <SRL | 1.48 | 1.0 | 98% |
| SCV | 250006-69378 | 01/02/2025 | 01/03/2025 | <SRL | 1.42 | 1.0 | 99% |
| Chiquito Cyn Rd | 250006-69379 | 01/02/2025 | 01/03/2025 | <SRL | 1.45 | 1.0 | 97% |
| S End Lincoln | 250006-69380 | 01/02/2025 | 01/03/2025 | <SRL | 1.43 | 1.0 | 96% |
| MS-01 | 250006-69381 | 01/02/2025 | 01/03/2025 | <SRL | 1.48 | 1.0 | 94% |
| MS-02 | 250006-69382 | 01/02/2025 | 01/03/2025 | <SRL | 1.45 | 1.0 | 97% |
| MS-03 | 250006-69383 | 01/02/2025 | 01/03/2025 | <SRL | 1.43 | 1.0 | 95% |
| MS-04 | 250006-69384 | 01/02/2025 | 01/03/2025 | <SRL | 1.47 | 1.0 | 96% |
| MS-05 | 250006-69385 | 01/02/2025 | 01/03/2025 | <SRL | 1.44 | 1.0 | 98% |
| Working Face | 250006-69386 | 01/02/2025 | 01/03/2025 | <SRL | 1.45 | 1.0 | 95% |
| Reaction | 250006-69387 | 01/02/2025 | 01/03/2025 | <SRL | 1.48 | 1.0 | 97% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

Note: DMS co-elutes with Ethanol, high EtOH concentrations can interfere with TIC search and quantitation.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250006**
**MATRIX : AIR**

**DATE RECEIVED : 01/02/2025**
**DATE REPORTED : 01/07/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250006-69371 | 01/02/2025 | 01/03/2025 | <SRL | 1.44 | 1.0 | 97% |
| MS-07 | 250006-69372 | 01/02/2025 | 01/03/2025 | <SRL | 1.45 | 1.0 | 95% |
| MS-08 | 250006-69373 | 01/02/2025 | 01/03/2025 | <SRL | 1.46 | 1.0 | 99% |
| MS-09 | 250006-69374 | 01/02/2025 | 01/03/2025 | <SRL | 1.43 | 1.0 | 95% |
| MS-10 | 250006-69375 | 01/02/2025 | 01/03/2025 | <SRL | 1.40 | 1.0 | 96% |
| MS-11 | 250006-69376 | 01/02/2025 | 01/03/2025 | 26.8 | 1.44 | 1.0 | 96% |
| MS-12 | 250006-69377 | 01/02/2025 | 01/03/2025 | <SRL | 1.48 | 1.0 | 98% |
| SCV | 250006-69378 | 01/02/2025 | 01/03/2025 | 3.39 | 1.42 | 1.0 | 99% |
| Chiquito Cyn Rd | 250006-69379 | 01/02/2025 | 01/03/2025 | 2.12 | 1.45 | 1.0 | 97% |
| S End Lincoln | 250006-69380 | 01/02/2025 | 01/03/2025 | <SRL | 1.43 | 1.0 | 96% |
| MS-01 | 250006-69381 | 01/02/2025 | 01/03/2025 | <SRL | 1.48 | 1.0 | 94% |
| MS-02 | 250006-69382 | 01/02/2025 | 01/03/2025 | <SRL | 1.45 | 1.0 | 97% |
| MS-03 | 250006-69383 | 01/02/2025 | 01/03/2025 | 0.97 | 1.43 | 1.0 | 95% |
| MS-04 | 250006-69384 | 01/02/2025 | 01/03/2025 | 7.85 | 1.47 | 1.0 | 96% |
| MS-05 | 250006-69385 | 01/02/2025 | 01/03/2025 | 1.04 | 1.44 | 1.0 | 98% |
| Working Face | 250006-69386 | 01/02/2025 | 01/03/2025 | 0.67 | 1.45 | 1.0 | 95% |
| Reaction | 250006-69387 | 01/02/2025 | 01/03/2025 | <SRL | 1.48 | 1.0 | 97% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/03/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

| *Analyte Compounds* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.58 | 102 |
| Chlorodifluoromethane | 10.20 | 10.53 | 103 |
| Propene | 10.70 | 11.34 | 106 |
| Dichlorodifluoromethane | 10.40 | 10.97 | 105 |
| Dimethyl Ether | 10.10 | 10.49 | 104 |
| Chloromethane | 10.50 | 10.24 | 98 |
| Dichlorotetrafluoroethane | 10.20 | 10.80 | 106 |
| Vinyl Chloride | 10.60 | 11.12 | 105 |
| Acetaldehyde | 20.90 | 20.51 | 98 |
| Methanol | 20.40 | 22.79 | 112 |
| 1,3-Butadiene | 10.70 | 11.27 | 105 |
| Bromomethane | 10.40 | 10.39 | 100 |
| Chloroethane | 10.40 | 9.41 | 90 |
| Dichlorofluoromethane | 10.10 | 10.36 | 103 |
| Ethanol | 11.40 | 9.98 | 88 |
| Vinyl Bromide | 10.10 | 10.25 | 101 |
| Acrolein | 10.90 | 10.81 | 99 |
| Acetone | 10.60 | 10.35 | 98 |
| Trichlorofluoromethane | 10.50 | 10.69 | 102 |
| 2-Propanol (IPA) | 11.00 | 10.26 | 93 |
| Acrylonitrile | 11.10 | 10.03 | 90 |
| 1,1-Dichloroethene | 10.50 | 10.77 | 103 |
| Methylene Chloride (DCM) | 10.40 | 10.99 | 106 |
| TertButanol (TBA) | 11.20 | 10.77 | 96 |
| Allyl Chloride | 10.20 | 10.53 | 103 |
| Carbon Disulfide | 10.50 | 11.16 | 106 |
| Trichlorotrifluoroethane | 10.30 | 10.33 | 100 |
| trans-1,2-Dichloroethene | 10.80 | 11.81 | 109 |
| 1,1-Dichloroethane | 10.70 | 10.55 | 99 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.14 | 95 |
| Vinyl Acetate | 11.00 | 10.03 | 91 |
| 2-Butanone (MEK) | 10.70 | 10.57 | 99 |
| cis-1,2-Dichloroethene | 10.70 | 10.79 | 101 |
| Hexane | 10.80 | 10.33 | 96 |
| Chloroform | 10.70 | 10.72 | 100 |
| Ethyl Acetate | 10.70 | 10.13 | 95 |
| Tetrahydrofuran | 10.40 | 9.96 | 96 |
| 1,2-Dichloroethane | 10.60 | 10.93 | 103 |
| 1,1,1-Trichloroethane | 10.50 | 10.64 | 101 |
| Benzene | 10.70 | 10.78 | 101 |
| Carbon Tetrachloride | 10.30 | 10.36 | 101 |
| Cyclohexane | 10.50 | 10.01 | 95 |

| *Analyte Compounds (Continued)* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.39 | 97 |
| Bromodichloromethane | 10.50 | 9.94 | 95 |
| 1,4-Dioxane | 10.50 | 9.95 | 95 |
| Trichloroethene (TCE) | 10.50 | 10.63 | 101 |
| 2,2,4-Trimethylpentane | 10.10 | 9.67 | 96 |
| Methyl Methacrylate | 11.00 | 10.87 | 99 |
| Heptane | 10.50 | 10.10 | 96 |
| cis-1,3-Dichloropropene | 10.50 | 10.40 | 99 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.89 | 94 |
| trans-1,3-Dichloropropene | 10.60 | 10.40 | 98 |
| 1,1,2-Trichloroethane | 10.60 | 9.70 | 92 |
| Toluene | 10.80 | 10.63 | 98 |
| 2-Hexanone (MBK) | 10.50 | 9.78 | 93 |
| Dibromochloromethane | 10.60 | 10.35 | 98 |
| 1,2-Dibromoethane | 10.60 | 10.53 | 99 |
| Tetrachloroethene (PCE) | 10.50 | 10.63 | 101 |
| Chlorobenzene | 10.80 | 10.74 | 99 |
| Ethylbenzene | 10.60 | 10.64 | 100 |
| m & p-Xylene | 21.20 | 21.05 | 99 |
| Bromoform | 10.60 | 10.26 | 97 |
| Styrene | 10.60 | 11.05 | 104 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.80 | 92 |
| o-Xylene | 10.60 | 10.62 | 100 |
| 1,2,3-Trichloropropane | 11.00 | 11.07 | 101 |
| Isopropylbenzene (Cumene) | 10.40 | 10.30 | 99 |
| α-Pinene | 10.80 | 10.95 | 101 |
| 2-Chlorotoluene | 10.30 | 10.47 | 102 |
| n-Propylbenzene | 10.10 | 10.16 | 101 |
| 4-Ethyltoluene | 10.40 | 10.26 | 99 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.46 | 102 |
| β-Pinene | 10.90 | 10.26 | 94 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.26 | 100 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.47 | 92 |
| 1,3-Dichlorobenzene | 10.30 | 10.58 | 103 |
| 1,4-Dichlorobenzene | 10.20 | 10.47 | 103 |
| Sec-ButylBenzene | 10.00 | 9.79 | 98 |
| 1,2-Dichlorobenzene | 10.40 | 10.36 | 100 |
| n-ButylBenzene | 10.20 | 10.00 | 98 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 9.69 | 96 |
| 1,2,4-Trichlorobenzene | 10.50 | 10.73 | 102 |
| Naphthalene | 10.90 | 11.17 | 102 |
| Hexachlorobutadiene | 10.80 | 10.37 | 96 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/03/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS*[1] *Recovery* | *LCSD*[1] *Recovery* | *LCS*[1] *% Recovery*[2] | *LCSD*[1] *% Recovery*[2] | *RPD*[3] |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.58 | 9.91 | 102 | 105 | 3.4 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.77 | 10.50 | 103 | 100 | 2.5 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 10.99 | 10.03 | 106 | 96 | 9.1 |
| Benzene | 0.0 | 10.70 | 10.78 | 10.83 | 101 | 101 | 0.5 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.63 | 10.71 | 101 | 102 | 0.7 |
| Toluene | 0.0 | 10.80 | 10.63 | 10.53 | 98 | 98 | 0.9 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 10.63 | 10.63 | 101 | 101 | 0.0 |
| Chlorobenzene | 0.0 | 10.80 | 10.74 | 10.88 | 99 | 101 | 1.3 |
| Ethylbenzene | 0.0 | 10.60 | 10.64 | 10.78 | 100 | 102 | 1.3 |
| m & p-Xylene | 0.0 | 21.20 | 21.05 | 21.33 | 99 | 101 | 1.3 |
| o-Xylene | 0.0 | 10.60 | 10.62 | 10.83 | 100 | 102 | 2.0 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/03/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 010325* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 99% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 010325* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/03/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.48

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250006-69387

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.14 | 9.35 | 2.3 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | <SRL | <SRL | |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol J | 2.18 | 1.97 | 10.0 |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | <SRL | <SRL | |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone J | 1.97 | 1.73 | 12.8 |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250006

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**Client/Company Name:** SCS ENGINEERS
**Project Manager Name:** PAUL SCHAFER
**Project Name:** CHIQUITA [ OFF ]
**Project Number:** 01204123.21 TASK 22

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**AAC Project No.:**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS |
|---|---|---|---|---|---|
| MS-06 | 69371 | 1-2-25 | 1128 | summa 1 | X |
| MS-07 | 69372 | | 1302 | | X |
| MS-08 | 69373 | | 1329 | | X |
| MS-09 | 69374 | | 1342 | | X |
| MS-10 | 69375 | | 1053 | | X |
| MS-11 | 69376 | | 1106 | | X |
| MS-12 | 69377 | | 1323 | | X |
| SCV | 69378 | | 1045 | | X |
| Chiquito Cyn Rd | 69379 | | 1310 | | X |
| S. End Lincoln | 69380 | | 1316 | | X |
| | | | | | |
| | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received Via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID:
Initials:
Returned Cont:
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

EDD?
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| Relinquished By Print: Nathaniel Davalos Signature: ND | Date 1-2-25 Time | Received By Print: Signature: | Date 1/2/25 Time 1434 |
| Relinquished By Print: Signature: | Date Time | Received By Print: Signature: | Date Time |

Drop off 17x cr

250006

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**Client/Company Name:** SCS ENGINEERS
**Project Manager Name:** PAUL SCHAFER
**Project Name:** CHIQUITA [ ON ]
**Project Number:** 01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

**AAC Project No.:**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS |
|---|---|---|---|---|---|
| MS-01 | 69381 | 1-2-25 | 1205 | summa 1 | X |
| MS-02 | 69382 | | 1243 | | X |
| MS-03 | 69383 | | 1135 | | X |
| MS-04 | 69384 | | 1216 | | X |
| MS-05 | 69385 | | 1156 | | X |
| Working Face | 69386 | | 1147 | | X |
| Reaction | 69387 | | 1227 | | X |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Cont.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

| | | | |
|---|---|---|---|
| Relinquished By Print: Nathaniel Davalos Signature: ND | Date 1-2-25 Time | Received By Print: Jose H Signature: | Date 1-2-25 Time 1430 |
| Relinquished By Print: Signature: | Date Time | Received By Print: Signature: | Date Time |

Drop off

250006

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**Client/Company Name:** SCS ENGINEERS
**Project Manager Name:** PAUL SCHAFER
**Project Name:** CHIQUITA [ OFF ]
**Project Number:** 01204123.21 TASK 22

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Dawalos
Signature: ND

**Analysis Requested**

**AAC Project No.:**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | Lab ID |
|---|---|---|---|---|---|---|
| MS-06 | 69388 | 1-2-25 | 1128 | tedlar 1 | X | |
| MS-07 | 69389 | | 1302 | | X | |
| MS-08 | 69390 | | 1329 | | X | |
| MS-09 | 69391 | | 1342 | | X | |
| MS-10 | 69392 | | 1053 | | X | |
| MS-11 | 69393 | | 1106 | | X | |
| MS-12 | 69394 | | 1323 | | X | |
| SCV | 69395 | | 1045 | | X | |
| Chiquito Cyn Rd | 69396 | | 1310 | | X | |
| S. End Lincoln | 69397 | | 1316 | | X | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID
Initials
Returned Equip.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | |
|---|---|---|
| **Relinquished By** Print: Nathaniel Dawalos Signature: ND | Date 1-2-25 Time | **Received By** Print: Josh H Signature: |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: |

Date 1/2/25 Time 1434
Date Time

Drop off

AAC COC Rev 3

Issued 02/04/2021

250006

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Analysis Requested**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 69398 | 1-2-25 | 1205 | tedlar 1 | X | | | | | |
| MS-02 | 69399 | | 1243 | | X | | | | | |
| MS-03 | 69400 | | 1135 | | X | | | | | |
| MS-04 | 69401 | | 1216 | | X | | | | | |
| MS-05 | 69402 | | 1156 | | X | | | | | |
| Working Face | 69403 | | 1147 | | X | | | | | |
| Reaction | 69404 | | 1227 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other

Temperature: °C
Thermometer ID:
Initials:
Returned Equip:
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-2-25 Time | **Received By** Print: Signature: | Date 1/2/25 Time 1434 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

Drop OFF

Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita |
| PROJECT NUMBER | : 01204123.21 Task 22 |
| AAC PROJECT NO. | : 250006 |
| REPORT DATE | : 01/07/2025 |

On January 2nd 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250006-69388 | S. End Lincoln | 250006-69397 |
| MS-07 | 250006-69389 | MS-01 | 250006-69398 |
| MS-08 | 250006-69390 | MS-02 | 250006-69399 |
| MS-09 | 250006-69391 | MS-03 | 250006-69400 |
| MS-10 | 250006-69392 | MS-04 | 250006-69401 |
| MS-11 | 250006-69393 | MS-05 | 250006-69402 |
| MS-12 | 250006-69394 | Working Face | 250006-69403 |
| SCV | 250006-69395 | Reaction | 250006-69404 |
| Chiquito Cyn Rd | 250006-69396 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.


2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250006**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/02/2025**
**RECEIVING DATE : 01/02/2025**
**ANALYSIS DATE : 01/02-03/2025**
**REPORT DATE : 01/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250006-69388 | 250006-69389 | 250006-69390 | 250006-69391 | 250006-69392 | 250006-69393 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250006**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/02/2025**
**RECEIVING DATE : 01/02/2025**
**ANALYSIS DATE : 01/02-03/2025**
**REPORT DATE : 01/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250006-69394 | 250006-69395 | 250006-69396 | 250006-69397 | 250006-69398 | 250006-69399 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250006**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/02/2025**
**RECEIVING DATE : 01/02/2025**
**ANALYSIS DATE : 01/02-03/2025**
**REPORT DATE : 01/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250006-69400 | 250006-69401 | 250006-69402 | 250006-69403 | 250006-69404 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/2/2025**
**Analyst: NR/DM**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 07/09/24**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 11582 | 508 | 102.8 | 1.1 |
| Duplicate | 11462 | 503 | 101.7 | 0.0 |
| Triplicate | 11329 | 497 | 100.6 | 1.1 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 10756 | 531 | 104.5 | 0.5 |
| Duplicate | 10674 | 527 | 103.7 | 0.2 |
| Triplicate | 10667 | 526 | 103.7 | 0.3 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 13983 | 476 | 99.0 | 1.4 |
| Duplicate | 14551 | 495 | 103.0 | 2.6 |
| Triplicate | 14015 | 477 | 99.2 | 1.2 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66846**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66846 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 241.7 | 249.7 | 97.9 | 101.1 | 3.2 |
| MeSH | <PQL | 253.8 | 273.1 | 277.8 | 107.6 | 109.5 | 1.7 |
| DMS | <PQL | 240.3 | 235.7 | 251.9 | 98.1 | 104.8 | 6.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 495.8 | 100.4 |
| MeSH | 507.5 | 517.0 | 101.9 |
| DMS | 480.5 | 445.5 | 92.7 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 50.0 ppbV*
*MDL =5.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/2/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7031 | 0.494 | 100.0 | 0.1 |
| Duplicate | 7076 | 0.497 | 100.7 | 0.8 |
| Triplicate | 6956 | 0.489 | 99.0 | 0.9 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6378 | 0.532 | 104.8 | 0.0 |
| Duplicate | 6387 | 0.533 | 105.0 | 0.2 |
| Triplicate | 6364 | 0.531 | 104.6 | 0.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8339 | 0.487 | 101.3 | 4.0 |
| Duplicate | 7830 | 0.457 | 95.1 | 2.3 |
| Triplicate | 7878 | 0.460 | 95.7 | 1.7 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66846**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66846 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.244 | 0.235 | 98.8 | 95.1 | 3.8 |
| MeSH | <PQL | 0.254 | 0.267 | 0.266 | 105.2 | 104.8 | 0.4 |
| DMS | <PQL | 0.240 | 0.228 | 0.219 | 94.9 | 91.2 | 4.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.509 | 103.0 |
| MeSH | 0.508 | 0.523 | 103.1 |
| DMS | 0.481 | 0.453 | 94.3 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*
*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/3/2025**
**Analyst: NR/DM**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 07/09/24**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 11470 | 503 | 101.8 | 0.5 |
| Duplicate | 11369 | 499 | 100.9 | 1.4 |
| Triplicate | 11746 | 515 | 104.3 | 1.9 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 10396 | 513 | 101.0 | 0.3 |
| Duplicate | 10448 | 515 | 101.6 | 0.2 |
| Triplicate | 10444 | 515 | 101.5 | 0.1 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 14174 | 482 | 100.3 | 1.7 |
| Duplicate | 14433 | 491 | 102.2 | 0.1 |
| Triplicate | 14634 | 498 | 103.6 | 1.5 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250006-69396**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250006-69396 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 263.8 | 267.7 | 106.8 | 108.4 | 1.5 |
| MeSH | <PQL | 253.8 | 263.3 | 277.7 | 103.8 | 109.4 | 5.3 |
| DMS | <PQL | 240.3 | 246.0 | 245.5 | 102.4 | 102.2 | 0.2 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 533.9 | 108.1 |
| MeSH | 507.5 | 553.2 | 109.0 |
| DMS | 480.5 | 480.8 | 100.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*
*MDL =5.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/3/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7066 | 0.497 | 100.5 | 0.7 |
| Duplicate | 6905 | 0.485 | 98.2 | 3.0 |
| Triplicate | 7375 | 0.518 | 104.9 | 3.6 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6065 | 0.506 | 99.7 | 1.2 |
| Duplicate | 6062 | 0.506 | 99.6 | 1.3 |
| Triplicate | 6297 | 0.525 | 103.5 | 2.5 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8309 | 0.485 | 100.9 | 1.1 |
| Duplicate | 8102 | 0.473 | 98.4 | 1.4 |
| Triplicate | 8253 | 0.482 | 100.2 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250006-69397**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250006-69397 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.227 | 0.236 | 91.9 | 95.5 | 3.9 |
| MeSH | <PQL | 0.254 | 0.248 | 0.253 | 97.7 | 99.7 | 2.0 |
| DMS | <PQL | 0.240 | 0.217 | 0.225 | 90.3 | 93.7 | 3.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.505 | 102.2 |
| MeSH | 0.508 | 0.556 | 109.6 |
| DMS | 0.481 | 0.437 | 90.9 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*

*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250006

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|
| MS-06 | 69371 | 1-2-25 | 1128 | summa 1 | X | |
| MS-07 | 69372 | | 1302 | | X | |
| MS-08 | 69373 | | 1329 | | X | |
| MS-09 | 69374 | | 1342 | | X | |
| MS-10 | 69375 | | 1053 | | X | |
| MS-11 | 69376 | | 1106 | | X | |
| MS-12 | 69377 | | 1323 | | X | |
| SCV | 69378 | | 1045 | | X | |
| Chiquito Cyn Rd | 69379 | | 1310 | | X | |
| S. End Lincoln | 69380 | | 1316 | | X | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature °C
Thermometer ID
Initials
Returned Cler
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-2-25 Time | **Received By** Print: Signature: | Date 1/2/25 Time 1434 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

Drop off 17x cr

250006

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 69381 | 1-2-25 | 1205 | summa 1 | X | | | | | |
| MS-02 | 69382 | | 1243 | | X | | | | | |
| MS-03 | 69383 | | 1135 | | X | | | | | |
| MS-04 | 69384 | | 1216 | | X | | | | | |
| MS-05 | 69385 | | 1156 | | X | | | | | |
| Working Face | 69386 | | 1147 | | X | | | | | |
| Reaction | 69387 | | 1227 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature: ____ °C
Thermometer ID
Initials
Returned Cont.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 1-2-25 **Time** | **Received By** Print: Jose H Signature: | **Date** 1-2-25 **Time** 1430 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

Drop off

250006

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Dawalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 69388 | 1-2-25 | 1128 | tedlar 1 | X | | | | |
| MS-07 | 69389 | | 1302 | | X | | | | |
| MS-08 | 69390 | | 1329 | | X | | | | |
| MS-09 | 69391 | | 1342 | | X | | | | |
| MS-10 | 69392 | | 1053 | | X | | | | |
| MS-11 | 69393 | | 1106 | | X | | | | |
| MS-12 | 69394 | | 1323 | | X | | | | |
| SCV | 69395 | | 1045 | | X | | | | |
| Chiquito Cyn Rd | 69396 | | 1310 | | X | | | | |
| S. End Lincoln | 69397 | | 1316 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**

Lab ID

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other

Temperature: _____ °C
Thermometer ID: _____
Initials: _____
Returned Cont: _____
Total cans: _____
Unused cans: _____
Flow Controllers: _____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By**<br>Print: Nathaniel Dawalos<br>Signature: ND | Date 1-2-25<br>Time | **Received By**<br>Print: Josh H<br>Signature: | Date 1/2/25<br>Time 1434 |
| **Relinquished By**<br>Print:<br>Signature: | Date<br>Time | **Received By**<br>Print:<br>Signature: | Date<br>Time |

Drop off

250006

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Dawalas
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR | Lab ID |
|---|---|---|---|---|---|---|
| MS-01 | 69398 | 1-2-25 | 1205 | tedlar 1 | X | |
| MS-02 | 69399 | | 1243 | | X | |
| MS-03 | 69400 | | 1135 | | X | |
| MS-04 | 69401 | | 1216 | | X | |
| MS-05 | 69402 | | 1156 | | X | |
| Working Face | 69403 | | 1147 | | X | |
| Reaction | 69404 | | 1227 | | X | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**

Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature: ____ °C
Thermometer ID: ____
Initials: ____
Returned Equip: ____
Total cans: ____
Unused cans: ____
Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| Relinquished By<br>Print: Nathaniel Dawalas<br>Signature: ND | Date 1-2-25<br>Time | Received By<br>Print:<br>Signature: | Date 1/2/25<br>Time 1434 |
| Relinquished By<br>Print:<br>Signature: | Date<br>Time | Received By<br>Print:<br>Signature: | Date<br>Time |

Drop off

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita ON/OFF |
| PROJECT NO. | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250026 |
| REPORT DATE | : 01/08/2025 |

On January 6, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250026-69528 | 717.5 | S End Lincoln | 250026-69537 | 712.0 |
| MS-07 | 250026-69529 | 714.5 | MS-01 | 250026-69538 | 695.0 |
| MS-08 | 250026-69530 | 708.0 | MS-02 | 250026-69539 | 696.5 |
| MS-09 | 250026-69531 | 707.5 | MS-03 | 250026-69540 | 718.0 |
| MS-10 | 250026-69532 | 727.0 | MS-04 | 250026-69541 | 698.0 |
| MS-11 | 250026-69533 | 704.5 | MS-05 | 250026-69542 | 708.5 |
| MS-12 | 250026-69534 | 701.5 | Working Face | 250026-69543 | 708.0 |
| SCV | 250026-69535 | 720.0 | Reaction | 250026-69544 | 698.5 |
| Chiquito Cyn Rd | 250026-69536 | 706.5 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69528 | | | | 250026-69529 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.06 | <SRL | U | 1 | 7.18 | 5.00 |
| Methanol | <SRL | U | 1 | 7.06 | <SRL | U | 1 | 7.18 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) | MS-07 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69528 | | | | 250026-69529 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) | MS-09 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69530 | | | | 250026-69531 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | 0.76 | | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.19 | <SRL | U | 1 | 7.18 | 5.00 |
| Methanol | <SRL | U | 1 | 7.19 | <SRL | U | 1 | 7.18 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | 2.87 | | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | 6.40 | | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69530 | | | | 250026-69531 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69532 | | | | 250026-69533 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.99 | <SRL | U | 1 | 7.21 | 5.00 |
| Methanol | <SRL | U | 1 | 6.99 | <SRL | U | 1 | 7.21 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.88 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | 4.15 | | 1 | 2.80 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.88 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69532 | | | | 250026-69533 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69534 | | | | 250026-69535 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.24 | <SRL | U | 1 | 7.08 | 5.00 |
| Methanol | 32.9 | | 1 | 7.24 | <SRL | U | 1 | 7.08 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.83 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.83 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | 92.1 | | 1 | 1.45 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69534 | | | | 250026-69535 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.42 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69536 | | | | 250026-69537 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | 0.73 | | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.28 | <SRL | U | 1 | 7.15 | 5.00 |
| Methanol | <SRL | U | 1 | 7.28 | <SRL | U | 1 | 7.15 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.86 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.86 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69536 | | | | 250026-69537 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69538 | | | | 250026-69539 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.47 | | | | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.47 | <SRL | U | 1 | 1.47 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.33 | <SRL | U | 1 | 7.33 | 5.00 |
| Methanol | <SRL | U | 1 | 7.33 | <SRL | U | 1 | 7.33 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.93 | <SRL | U | 1 | 2.93 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.47 | <SRL | U | 1 | 1.47 | 1.00 |
| Acetone | <SRL | U | 1 | 2.93 | <SRL | U | 1 | 2.93 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.93 | <SRL | U | 1 | 2.93 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.47 | <SRL | U | 1 | 1.47 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.47 | <SRL | U | 1 | 1.47 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.47 | <SRL | U | 1 | 1.47 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.93 | <SRL | U | 1 | 2.93 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.47 | <SRL | U | 1 | 1.47 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69538 | | | | 250026-69539 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.47 | | | | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.47 | <SRL | U | 1 | 1.47 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.47 | <SRL | U | 1 | 1.47 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.47 | <SRL | U | 1 | 1.47 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 99% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69540 | | | | 250026-69541 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.46 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | 0.86 | | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.10 | <SRL | U | 1 | 7.29 | 5.00 |
| Methanol | <SRL | U | 1 | 7.10 | <SRL | U | 1 | 7.29 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.84 | 3.27 | | 1 | 2.92 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.46 | 1.00 |
| Acetone | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.92 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.92 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.46 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.46 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.46 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.92 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.46 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69540 | | | | 250026-69541 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.46 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.46 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.46 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69542 | | | | 250026-69543 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.20 | 5.00 |
| Methanol | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.20 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.86 | 2.94 | | 1 | 2.88 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.88 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250026-69542 | | | | 250026-69543 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250026-69544 | | | | |
| *Date Sampled* | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.46 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.28 | 5.00 |
| Methanol | 8.16 | | 1 | 7.28 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.91 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.46 | 1.00 |
| Acetone | <SRL | U | 1 | 2.91 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.91 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.46 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.46 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.73 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.46 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.91 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.46 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250026
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/06/2025
DATE REPORTED : 01/08/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250026-69544 | | | | |
| *Date Sampled* | 01/06/2025 | | | | |
| *Date Analyzed* | 01/07/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | 0.92 | | 1 | 0.73 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.46 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.46 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.46 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.73 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 103% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250026**
**MATRIX : AIR**

**DATE RECEIVED : 01/06/2025**
**DATE REPORTED : 01/08/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250026-69528 | 01/06/2025 | 01/07/2025 | <SRL | 1.41 | 1.0 | 100% |
| MS-07 | 250026-69529 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-08 | 250026-69530 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 100% |
| MS-09 | 250026-69531 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 99% |
| MS-10 | 250026-69532 | 01/06/2025 | 01/07/2025 | <SRL | 1.40 | 1.0 | 98% |
| MS-11 | 250026-69533 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 97% |
| MS-12 | 250026-69534 | 01/06/2025 | 01/07/2025 | <SRL | 1.45 | 1.0 | 102% |
| SCV | 250026-69535 | 01/06/2025 | 01/07/2025 | <SRL | 1.42 | 1.0 | 99% |
| Chiquito Cyn Rd | 250026-69536 | 01/06/2025 | 01/07/2025 | <SRL | 1.46 | 1.0 | 97% |
| S End Lincoln | 250026-69537 | 01/06/2025 | 01/07/2025 | <SRL | 1.43 | 1.0 | 97% |
| MS-01 | 250026-69538 | 01/06/2025 | 01/07/2025 | <SRL | 1.47 | 1.0 | 99% |
| MS-02 | 250026-69539 | 01/06/2025 | 01/07/2025 | <SRL | 1.47 | 1.0 | 99% |
| MS-03 | 250026-69540 | 01/06/2025 | 01/07/2025 | <SRL | 1.42 | 1.0 | 98% |
| MS-04 | 250026-69541 | 01/06/2025 | 01/07/2025 | <SRL | 1.46 | 1.0 | 96% |
| MS-05 | 250026-69542 | 01/06/2025 | 01/07/2025 | <SRL | 1.43 | 1.0 | 98% |
| Working Face | 250026-69543 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 99% |
| Reaction | 250026-69544 | 01/06/2025 | 01/07/2025 | 1.04 | 1.27 | 1.0 | 103% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

Note: DMS co-elutes with Ethanol, high EtOH concentrations can interfere with TIC search and quantitation.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250026**
**MATRIX : AIR**

**DATE RECEIVED : 01/06/2025**
**DATE REPORTED : 01/08/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250026-69528 | 01/06/2025 | 01/07/2025 | 0.34 | 1.41 | 1.0 | 100% |
| MS-07 | 250026-69529 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-08 | 250026-69530 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 100% |
| MS-09 | 250026-69531 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 99% |
| MS-10 | 250026-69532 | 01/06/2025 | 01/07/2025 | <SRL | 1.40 | 1.0 | 98% |
| MS-11 | 250026-69533 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 97% |
| MS-12 | 250026-69534 | 01/06/2025 | 01/07/2025 | <SRL | 1.45 | 1.0 | 102% |
| SCV | 250026-69535 | 01/06/2025 | 01/07/2025 | <SRL | 1.42 | 1.0 | 99% |
| Chiquito Cyn Rd | 250026-69536 | 01/06/2025 | 01/07/2025 | <SRL | 1.46 | 1.0 | 97% |
| S End Lincoln | 250026-69537 | 01/06/2025 | 01/07/2025 | <SRL | 1.43 | 1.0 | 97% |
| MS-01 | 250026-69538 | 01/06/2025 | 01/07/2025 | <SRL | 1.47 | 1.0 | 99% |
| MS-02 | 250026-69539 | 01/06/2025 | 01/07/2025 | <SRL | 1.47 | 1.0 | 99% |
| MS-03 | 250026-69540 | 01/06/2025 | 01/07/2025 | <SRL | 1.42 | 1.0 | 98% |
| MS-04 | 250026-69541 | 01/06/2025 | 01/07/2025 | <SRL | 1.46 | 1.0 | 96% |
| MS-05 | 250026-69542 | 01/06/2025 | 01/07/2025 | <SRL | 1.43 | 1.0 | 98% |
| Working Face | 250026-69543 | 01/06/2025 | 01/07/2025 | <SRL | 1.44 | 1.0 | 99% |
| Reaction | 250026-69544 | 01/06/2025 | 01/07/2025 | 0.34 | 1.27 | 1.0 | 103% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/07/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.78 | 104 |
| Chlorodifluoromethane | 10.20 | 9.58 | 94 |
| Propene | 10.70 | 8.95 | 84 |
| Dichlorodifluoromethane | 10.40 | 10.69 | 103 |
| Dimethyl Ether | 10.10 | 8.91 | 88 |
| Chloromethane | 10.50 | 9.05 | 86 |
| Dichlorotetrafluoroethane | 10.20 | 10.48 | 103 |
| Vinyl Chloride | 10.60 | 9.99 | 94 |
| Acetaldehyde | 20.90 | 21.83 | 104 |
| Methanol | 20.40 | 17.85 | 88 |
| 1,3-Butadiene | 10.70 | 10.40 | 97 |
| Bromomethane | 10.40 | 10.27 | 99 |
| Chloroethane | 10.40 | 8.93 | 86 |
| Dichlorofluoromethane | 10.10 | 9.78 | 97 |
| Ethanol | 11.40 | 9.13 | 80 |
| Vinyl Bromide | 10.10 | 9.47 | 94 |
| Acrolein | 10.90 | 9.08 | 83 |
| Acetone | 10.60 | 9.44 | 89 |
| Trichlorofluoromethane | 10.50 | 10.69 | 102 |
| 2-Propanol (IPA) | 11.00 | 9.81 | 89 |
| Acrylonitrile | 11.10 | 9.35 | 84 |
| 1,1-Dichloroethene | 10.50 | 10.44 | 99 |
| Methylene Chloride (DCM) | 10.40 | 9.93 | 95 |
| TertButanol (TBA) | 11.20 | 10.67 | 95 |
| Allyl Chloride | 10.20 | 9.24 | 91 |
| Carbon Disulfide | 10.50 | 10.32 | 98 |
| Trichlorotrifluoroethane | 10.30 | 10.47 | 102 |
| trans-1,2-Dichloroethene | 10.80 | 11.07 | 103 |
| 1,1-Dichloroethane | 10.70 | 10.49 | 98 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.44 | 98 |
| Vinyl Acetate | 11.00 | 8.13 | 74 |
| 2-Butanone (MEK) | 10.70 | 10.29 | 96 |
| cis-1,2-Dichloroethene | 10.70 | 11.27 | 105 |
| Hexane | 10.80 | 10.79 | 100 |
| Chloroform | 10.70 | 11.22 | 105 |
| Ethyl Acetate | 10.70 | 9.37 | 88 |
| Tetrahydrofuran | 10.40 | 10.14 | 98 |
| 1,2-Dichloroethane | 10.60 | 11.18 | 105 |
| 1,1,1-Trichloroethane | 10.50 | 11.12 | 106 |
| Benzene | 10.70 | 10.66 | 100 |
| Carbon Tetrachloride | 10.30 | 10.72 | 104 |
| Cyclohexane | 10.50 | 9.64 | 92 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.07 | 94 |
| Bromodichloromethane | 10.50 | 10.49 | 100 |
| 1,4-Dioxane | 10.50 | 10.28 | 98 |
| Trichloroethene (TCE) | 10.50 | 10.98 | 105 |
| 2,2,4-Trimethylpentane | 10.10 | 9.17 | 91 |
| Methyl Methacrylate | 11.00 | 9.96 | 91 |
| Heptane | 10.50 | 10.20 | 97 |
| cis-1,3-Dichloropropene | 10.50 | 10.22 | 97 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.30 | 89 |
| trans-1,3-Dichloropropene | 10.60 | 10.14 | 96 |
| 1,1,2-Trichloroethane | 10.60 | 9.54 | 90 |
| Toluene | 10.80 | 10.71 | 99 |
| 2-Hexanone (MBK) | 10.50 | 9.44 | 90 |
| Dibromochloromethane | 10.60 | 10.64 | 100 |
| 1,2-Dibromoethane | 10.60 | 10.66 | 101 |
| Tetrachloroethene (PCE) | 10.50 | 11.14 | 106 |
| Chlorobenzene | 10.80 | 10.75 | 100 |
| Ethylbenzene | 10.60 | 10.65 | 100 |
| m & p-Xylene | 21.20 | 21.58 | 102 |
| Bromoform | 10.60 | 10.46 | 99 |
| Styrene | 10.60 | 10.94 | 103 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.75 | 92 |
| o-Xylene | 10.60 | 10.76 | 102 |
| 1,2,3-Trichloropropane | 11.00 | 11.43 | 104 |
| Isopropylbenzene (Cumene) | 10.40 | 10.48 | 101 |
| α-Pinene | 10.80 | 10.56 | 98 |
| 2-Chlorotoluene | 10.30 | 10.80 | 105 |
| n-Propylbenzene | 10.10 | 10.80 | 107 |
| 4-Ethyltoluene | 10.40 | 10.41 | 100 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.70 | 104 |
| β-Pinene | 10.90 | 10.30 | 94 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.54 | 102 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.41 | 91 |
| 1,3-Dichlorobenzene | 10.30 | 10.62 | 103 |
| 1,4-Dichlorobenzene | 10.20 | 10.86 | 106 |
| Sec-ButylBenzene | 10.00 | 9.95 | 100 |
| 1,2-Dichlorobenzene | 10.40 | 10.92 | 105 |
| n-ButylBenzene | 10.20 | 10.34 | 101 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 10.15 | 100 |
| 1,2,4-Trichlorobenzene | 10.50 | 11.29 | 108 |
| Naphthalene | 10.90 | 11.82 | 108 |
| Hexachlorobutadiene | 10.80 | 10.66 | 99 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/07/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS*[1] *Recovery* | *LCSD*[1] *Recovery* | *LCS*[1] *% Recovery*[2] | *LCSD*[1] *% Recovery*[2] | *RPD*[3] |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.78 | 9.75 | 104 | 104 | 0.3 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.44 | 10.21 | 99 | 97 | 2.2 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 9.93 | 9.79 | 95 | 94 | 1.4 |
| Benzene | 0.0 | 10.70 | 10.66 | 10.59 | 100 | 99 | 0.7 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.98 | 10.81 | 105 | 103 | 1.6 |
| Toluene | 0.0 | 10.80 | 10.71 | 10.59 | 99 | 98 | 1.1 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 11.14 | 10.76 | 106 | 102 | 3.5 |
| Chlorobenzene | 0.0 | 10.80 | 10.75 | 10.42 | 100 | 96 | 3.1 |
| Ethylbenzene | 0.0 | 10.60 | 10.65 | 10.41 | 100 | 98 | 2.3 |
| m & p-Xylene | 0.0 | 21.20 | 21.58 | 21.45 | 102 | 101 | 0.6 |
| o-Xylene | 0.0 | 10.60 | 10.76 | 10.44 | 102 | 98 | 3.0 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/07/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 010725* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 100% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 010725* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/07/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x7.16

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250007-69405

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.82 | 9.94 | 1.2 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | <SRL | <SRL | |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol | <SRL | <SRL | |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | 390 | 374 | 4.2 |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone | <SRL | <SRL | |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250026

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 69528 | 1-6-25 | 1224 | summa 1 | X | | | | | |
| MS-07 | 69529 | | 1316 | | X | | | | | |
| MS-08 | 69530 | | 1412 | | X | | | | | |
| MS-09 | 69531 | | 1421 | | X | | | | | |
| MS-10 | 69532 | | 1153 | | X | | | | | |
| MS-11 | 69533 | | 1206 | | X | | | | | |
| MS-12 | 69534 | | 1405 | | X | | | | | |
| SCV | 69535 | | 1147 | | X | | | | | |
| Chiquito Cyn Rd | 69536 | | 1353 | | X | | | | | |
| S. End Lincoln | 69537 | | 1359 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other

Temperature: _____ °C
Thermometer ID: _____
Initials: _____
Returned Cont: _____
Total cans: _____
Unused cans: _____
Flow Controllers: _____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 1-6-25 **Time** | **Received By** Print: Signature: | **Date** **Time** |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** 1/6/25 **Time** 1539 |

250026

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 69538 | 1-6-25 | 1304 | summa 1 | X | | | | | |
| MS-02 | 69539 | | 1334 | | X | | | | | |
| MS-03 | 69540 | | 1233 | | X | | | | | |
| MS-04 | 69541 | | 1317 | | X | | | | | |
| MS-05 | 69542 | | 1255 | | X | | | | | |
| Working Face | 69543 | | 1245 | | X | | | | | |
| Reaction | 69544 | | 1325 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID: ____
Initials: ____
Returned Equip
Total cans: ____
Unused cans: ____
Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

LAB USE ONLY:
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-6-25 Time | **Received By** Print: Signature: | Date Time |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date 1/6/25 Time 1539 |

250026

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 69545 | 1-6-25 | 1224 | tedlar 1 | X | | | | | |
| MS-07 | 69546 | | 1346 | | X | | | | | |
| MS-08 | 69547 | | 1412 | | X | | | | | |
| MS-09 | 69548 | | 1421 | | X | | | | | |
| MS-10 | 69549 | | 1153 | | X | | | | | |
| MS-11 | 69550 | | 1206 | | X | | | | | |
| MS-12 | 69551 | | 1405 | | X | | | | | |
| SCV | 69552 | | 1147 | | X | | | | | |
| Chiquito Cyn Rd | 69553 | | 1353 | | X | | | | | |
| S. End Lincoln | 69554 | | 1359 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other

Temperature ____ °C

Thermometer ID ____

Initials ____

Returned Cont.

Total cans: ____

Unused cans: ____

Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-6-25 Time | **Received By** Print: Signature: | Date Time |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date 1/6/25 Time 1539 |

250026

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR |
|---|---|---|---|---|---|
| MS-01 | 69555 | 1-6-25 | 1304 | tedlar 1 | X |
| MS-02 | 69556 | | 1334 | | X |
| MS-03 | 69557 | | 1233 | | X |
| MS-04 | 69558 | | 1317 | | X |
| MS-05 | 69559 | | 1255 | | X |
| Working Face | 69560 | | 1245 | | X |
| Reaction | 69561 | | 1325 | | X |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**LAB USE ONLY**

Lab ID

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other

Temperature ____ °C

Thermometer ID ____

Initials ____

Returned Cont.

Total cans: ____

Unused cans: ____

Flow Controllers: ____

**Client Notes/Special Instructions:**

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-6-25 Time | **Received By** Print: Signature: | Date Time |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date 1/6/25 Time 1539 |

# Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita |
| PROJECT NUMBER | : 01204123.21 Task 22 |
| AAC PROJECT NO. | : 250026 |
| REPORT DATE | : 01/08/2025 |

On January 6th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250026-68545 | S. End Lincoln | 250026-68554 |
| MS-07 | 250026-68546 | MS-01 | 250026-68555 |
| MS-08 | 250026-68547 | MS-02 | 250026-68556 |
| MS-09 | 250026-68548 | MS-03 | 250026-68557 |
| MS-10 | 250026-68549 | MS-04 | 250026-68558 |
| MS-11 | 250026-68550 | MS-05 | 250026-68559 |
| MS-12 | 250026-68551 | Working Face | 250026-68560 |
| SCV | 250026-68552 | Reaction | 250026-68561 |
| Chiquito Cyn Rd | 250026-68553 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250026**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/06/2025**
**RECEIVING DATE : 01/06/2025**
**ANALYSIS DATE : 01/06-07/2025**
**REPORT DATE : 01/08/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250026-68545 | 250026-68546 | 250026-68547 | 250026-68548 | 250026-68549 | 250026-68550 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# Atmospheric Analysis & Consulting, Inc.

## *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250026**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/06/2025**
**RECEIVING DATE : 01/06/2025**
**ANALYSIS DATE : 01/06-07/2025**
**REPORT DATE : 01/08/2025**

### *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250026-68551 | 250026-68552 | 250026-68553 | 250026-68554 | 250026-68555 | 250026-68556 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250026**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/06/2025**
**RECEIVING DATE : 01/06/2025**
**ANALYSIS DATE : 01/07/2025**
**REPORT DATE : 01/08/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250026-68557 | 250026-68558 | 250026-68559 | 250026-68560 | 250026-68561 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/6/2025**
**Analyst: NR/DM**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 01/04/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 29102 | 480 | 97.1 | 0.1 |
| Duplicate | 29344 | 483 | 97.9 | 0.7 |
| Triplicate | 28934 | 477 | 96.5 | 0.7 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 26852 | 486 | 95.7 | 2.5 |
| Duplicate | 28604 | 517 | 101.9 | 3.9 |
| Triplicate | 27162 | 491 | 96.8 | 1.4 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 32082 | 485 | 100.9 | 1.0 |
| Duplicate | 32402 | 490 | 101.9 | 0.0 |
| Triplicate | 32707 | 494 | 102.9 | 1.0 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66846**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66846 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 251.8 | 238.7 | 102.0 | 96.6 | 5.4 |
| MeSH | <PQL | 253.8 | 250.5 | 246.8 | 98.7 | 97.3 | 1.5 |
| DMS | <PQL | 240.3 | 244.2 | 251.7 | 101.6 | 104.8 | 3.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 523.5 | 106.0 |
| MeSH | 507.5 | 512.7 | 101.0 |
| DMS | 480.5 | 512.9 | 106.7 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 50.0 ppbV*
*MDL =5.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/6/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6939 | 0.488 | 98.7 | 0.2 |
| Duplicate | 7031 | 0.494 | 100.0 | 1.1 |
| Triplicate | 6886 | 0.484 | 98.0 | 0.9 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6371 | 0.531 | 104.7 | 0.8 |
| Duplicate | 6360 | 0.531 | 104.5 | 0.7 |
| Triplicate | 6225 | 0.519 | 102.3 | 1.5 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7846 | 0.458 | 95.3 | 0.0 |
| Duplicate | 7877 | 0.460 | 95.7 | 0.4 |
| Triplicate | 7824 | 0.457 | 95.0 | 0.3 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID** 242742-66846

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID** 242742-66846 x2

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.262 | 0.239 | 106.1 | 96.8 | 9.2 |
| MeSH | <PQL | 0.254 | 0.276 | 0.264 | 108.8 | 104.0 | 4.4 |
| DMS | <PQL | 0.240 | 0.228 | 0.225 | 94.9 | 93.7 | 1.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.534 | 108.1 |
| MeSH | 0.508 | 0.550 | 108.4 |
| DMS | 0.481 | 0.453 | 94.3 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*

*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/7/2025**
**Analyst: NR/DM**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 01/04/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 29457 | 485 | 98.2 | 1.6 |
| Duplicate | 28766 | 474 | 95.9 | 0.7 |
| Triplicate | 28720 | 473 | 95.8 | 0.9 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 27229 | 492 | 97.0 | 0.4 |
| Duplicate | 26883 | 486 | 95.8 | 0.9 |
| Triplicate | 27264 | 493 | 97.1 | 0.5 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 33197 | 502 | 104.4 | 0.4 |
| Duplicate | 32877 | 497 | 103.4 | 0.5 |
| Triplicate | 33087 | 500 | 104.1 | 0.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250026-69554**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250026-69554 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 259.8 | 235.9 | 105.2 | 95.5 | 9.6 |
| MeSH | <PQL | 253.8 | 260.1 | 259.3 | 102.5 | 102.2 | 0.3 |
| DMS | <PQL | 240.3 | 263.7 | 262.5 | 109.8 | 109.2 | 0.5 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 508.2 | 102.9 |
| MeSH | 507.5 | 511.1 | 100.7 |
| DMS | 480.5 | 513.7 | 106.9 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*
*MDL =5.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/7/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6978 | 0.490 | 99.3 | 2.3 |
| Duplicate | 7135 | 0.501 | 101.5 | 0.1 |
| Triplicate | 7312 | 0.514 | 104.0 | 2.4 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6116 | 0.510 | 100.5 | 2.5 |
| Duplicate | 6350 | 0.530 | 104.4 | 1.3 |
| Triplicate | 6349 | 0.530 | 104.3 | 1.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7883 | 0.460 | 95.8 | 0.0 |
| Duplicate | 7848 | 0.458 | 95.3 | 0.4 |
| Triplicate | 7918 | 0.462 | 96.2 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250026-69556**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250026-69556 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.264 | 0.239 | 106.9 | 96.8 | 9.9 |
| MeSH | <PQL | 0.254 | 0.270 | 0.263 | 106.4 | 103.6 | 2.6 |
| DMS | <PQL | 0.240 | 0.228 | 0.218 | 94.9 | 90.7 | 4.5 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.494 | 100.0 |
| MeSH | 0.508 | 0.537 | 105.8 |
| DMS | 0.481 | 0.446 | 92.8 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*

*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250026

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | Lab ID |
|---|---|---|---|---|---|---|
| MS-06 | 69528 | 1-6-25 | 1224 | summa 1 | X | |
| MS-07 | 69529 | | 1346 | | X | |
| MS-08 | 69530 | | 1412 | | X | |
| MS-09 | 69531 | | 1421 | | X | |
| MS-10 | 69532 | | 1153 | | X | |
| MS-11 | 69533 | | 1206 | | X | |
| MS-12 | 69534 | | 1405 | | X | |
| SCV | 69535 | | 1147 | | X | |
| Chiquito Cyn Rd | 69536 | | 1353 | | X | |
| S. End Lincoln | 69537 | | 1359 | | X | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Equip.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Davalos | 1-6-25 | Print: | |
| Signature: ND | Time | Signature: | Time |
| Relinquished By | Date | Received By | Date: 1/6/25 |
| Print: | | Print: | Time 1539 |
| Signature: | Time | Signature: | |

250026

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 69538 | 1-6-25 | 1304 | summa 1 | X | | | | |
| MS-02 | 69539 | | 1334 | | X | | | | |
| MS-03 | 69540 | | 1233 | | X | | | | |
| MS-04 | 69541 | | 1317 | | X | | | | |
| MS-05 | 69542 | | 1255 | | X | | | | |
| Working Face | 69543 | | 1245 | | X | | | | |
| Reaction | 69544 | | 1325 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**

| Lab ID | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other

Temperature: ____ °C

Thermometer ID

Initials

Returned Cont.

Total cans:

Unused cans:

Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-6-25 Time | **Received By** Print: Signature: | Date Time |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date 1/6/25 Time 1539 |

250026

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**AAC Project No.:**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR | Lab ID |
|---|---|---|---|---|---|---|
| MS-06 | 69545 | 1-6-25 | 1224 | tedlar 1 | X | |
| MS-07 | 69546 | | 1346 | | X | |
| MS-08 | 69547 | | 1412 | | X | |
| MS-09 | 69548 | | 1421 | | X | |
| MS-10 | 69549 | | 1153 | | X | |
| MS-11 | 69550 | | 1206 | | X | |
| MS-12 | 69551 | | 1405 | | X | |
| SCV | 69552 | | 1147 | | X | |
| Chiquito Cyn Rd | 69553 | | 1353 | | X | |
| S. End Lincoln | 69554 | | 1359 | | X | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Cont.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

| | | | |
|---|---|---|---|
| Relinquished By Print: Nathaniel Davalos<br>Signature: ND | Date 1-6-25<br>Time | Received By Print:<br>Signature: | Date<br>Time |
| Relinquished By Print:<br>Signature: | Date<br>Time | Received By Print:<br>Signature: | Date 1/6/25<br>Time 1539 |

250026

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**AAC Project No.:**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 69555 | 1-6-25 | 1304 | tedlar 1 | X | | | | |
| MS-02 | 69556 | | 1334 | | X | | | | |
| MS-03 | 69557 | | 1233 | | X | | | | |
| MS-04 | 69558 | | 1317 | | X | | | | |
| MS-05 | 69559 | | 1255 | | X | | | | |
| Working Face | 69560 | | 1245 | | X | | | | |
| Reaction | 69561 | | 1325 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Empty
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Davalos | 1-6-25 | Print: | |
| Signature: ND | Time | Signature: | Time |
| Relinquished By | Date | Received By | Date 1/6/25 |
| Print: | | Print: M | |
| Signature: | Time | Signature: | Time 1539 |

Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita ON/OFF |
| PROJECT NO. | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250072 |
| REPORT DATE | : 01/16/2025 |

On January 13, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250072-69777 | 733.0 | S End Lincoln | 250072-69786 | 717.5 |
| MS-07 | 250072-69778 | 729.4 | MS-01 | 250072-69787 | 721.5 |
| MS-08 | 250072-69779 | 722.5 | MS-02 | 250072-69788 | 732.0 |
| MS-09 | 250072-69780 | 718.0 | MS-03 | 250072-69789 | 733.5 |
| MS-10 | 250072-69781 | 739.0 | MS-04 | 250072-69790 | 714.5 |
| MS-11 | 250072-69782 | 722.0 | MS-05 | 250072-69791 | 731.0 |
| MS-12 | 250072-69783 | 725.0 | Working Face | 250072-69792 | 724.5 |
| SCV | 250072-69784 | 734.0 | Reaction | 250072-69793 | 727.0 |
| Chiquito Cyn Rd | 250072-69785 | 726.0 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) | MS-07 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69777 | | | | 250072-69778 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | 0.72 | | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.93 | <SRL | U | 1 | 7.00 | 5.00 |
| Methanol | <SRL | U | 1 | 6.93 | <SRL | U | 1 | 7.00 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.80 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.80 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69777 | | | | 250072-69778 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.40 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69779 | | | | 250072-69780 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.06 | <SRL | U | 1 | 7.09 | 5.00 |
| Methanol | <SRL | U | 1 | 7.06 | <SRL | U | 1 | 7.09 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.84 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.84 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69779 | | | | 250072-69780 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 99% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69781 | | | | 250072-69782 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | 0.79 | | 1 | 0.69 | 0.81 | | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.89 | <SRL | U | 1 | 7.08 | 5.00 |
| Methanol | <SRL | U | 1 | 6.89 | <SRL | U | 1 | 7.08 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.83 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.83 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69781 | | | | 250072-69782 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69783 | | | | 250072-69784 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.02 | <SRL | U | 1 | 6.92 | 5.00 |
| Methanol | <SRL | U | 1 | 7.02 | <SRL | U | 1 | 6.92 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.81 | 3.14 | | 1 | 2.77 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Acetone | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.77 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.77 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.77 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69783 | | | | 250072-69784 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 99% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69785 | | | | 250072-69786 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.05 | <SRL | U | 1 | 7.10 | 5.00 |
| Methanol | <SRL | U | 1 | 7.05 | <SRL | U | 1 | 7.10 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.84 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.84 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69785 | | | | 250072-69786 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69787 | | | | 250072-69788 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 6.94 | 5.00 |
| Methanol | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 6.94 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.77 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Acetone | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.77 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.77 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.77 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69787 | | | | 250072-69788 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| BFB-Surrogate Std, % Recovery | | 98% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69789 | | | | 250072-69790 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.98 | <SRL | U | 1 | 7.14 | 5.00 |
| Methanol | <SRL | U | 1 | 6.98 | <SRL | U | 1 | 7.14 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.86 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | 3.78 | | 1 | 2.79 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.86 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | 3.49 | | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69789 | | | | 250072-69790 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69791 | | | | 250072-69792 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.97 | <SRL | U | 1 | 7.05 | 5.00 |
| Methanol | <SRL | U | 1 | 6.97 | <SRL | U | 1 | 7.05 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.82 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.82 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250072-69791 | | | | 250072-69792 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250072-69793 | | | | |
| *Date Sampled* | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.99 | 5.00 |
| Methanol | <SRL | U | 1 | 6.99 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.80 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.80 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250072
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/13/2025
DATE REPORTED : 01/16/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250072-69793 | | | | |
| *Date Sampled* | 01/13/2025 | | | | |
| *Date Analyzed* | 01/14/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250072**
**MATRIX : AIR**

**DATE RECEIVED : 01/13/2025**
**DATE REPORTED : 01/16/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250072-69777 | 01/13/2025 | 01/14/2025 | <SRL | 1.39 | 1.0 | 101% |
| MS-07 | 250072-69778 | 01/13/2025 | 01/14/2025 | <SRL | 1.40 | 1.0 | 101% |
| MS-08 | 250072-69779 | 01/13/2025 | 01/14/2025 | <SRL | 1.41 | 1.0 | 99% |
| MS-09 | 250072-69780 | 01/13/2025 | 01/14/2025 | <SRL | 1.42 | 1.0 | 99% |
| MS-10 | 250072-69781 | 01/13/2025 | 01/14/2025 | <SRL | 1.38 | 1.0 | 100% |
| MS-11 | 250072-69782 | 01/13/2025 | 01/14/2025 | <SRL | 1.42 | 1.0 | 99% |
| MS-12 | 250072-69783 | 01/13/2025 | 01/14/2025 | <SRL | 1.40 | 1.0 | 99% |
| SCV | 250072-69784 | 01/13/2025 | 01/14/2025 | <SRL | 1.38 | 1.0 | 99% |
| Chiquito Cyn Rd | 250072-69785 | 01/13/2025 | 01/14/2025 | <SRL | 1.41 | 1.0 | 100% |
| S End Lincoln | 250072-69786 | 01/13/2025 | 01/14/2025 | <SRL | 1.42 | 1.0 | 99% |
| MS-01 | 250072-69787 | 01/13/2025 | 01/14/2025 | <SRL | 1.42 | 1.0 | 98% |
| MS-02 | 250072-69788 | 01/13/2025 | 01/14/2025 | <SRL | 1.41 | 1.0 | 100% |
| MS-03 | 250072-69789 | 01/13/2025 | 01/14/2025 | <SRL | 1.40 | 1.0 | 100% |
| MS-04 | 250072-69790 | 01/13/2025 | 01/14/2025 | <SRL | 1.43 | 1.0 | 99% |
| MS-05 | 250072-69791 | 01/13/2025 | 01/14/2025 | <SRL | 1.39 | 1.0 | 100% |
| Working Face | 250072-69792 | 01/13/2025 | 01/14/2025 | <SRL | 1.41 | 1.0 | 98% |
| Reaction | 250072-69793 | 01/13/2025 | 01/14/2025 | <SRL | 1.40 | 1.0 | 101% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

Note: DMS co-elutes with Ethanol, high EtOH concentrations can interfere with TIC search and quantitation.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250072**
**MATRIX : AIR**

**DATE RECEIVED : 01/13/2025**
**DATE REPORTED : 01/16/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250072-69777 | 01/13/2025 | 01/14/2025 | <SRL | 1.39 | 1.0 | 101% |
| MS-07 | 250072-69778 | 01/13/2025 | 01/14/2025 | <SRL | 1.40 | 1.0 | 101% |
| MS-08 | 250072-69779 | 01/13/2025 | 01/14/2025 | <SRL | 1.41 | 1.0 | 99% |
| MS-09 | 250072-69780 | 01/13/2025 | 01/14/2025 | <SRL | 1.42 | 1.0 | 99% |
| MS-10 | 250072-69781 | 01/13/2025 | 01/14/2025 | <SRL | 1.38 | 1.0 | 100% |
| MS-11 | 250072-69782 | 01/13/2025 | 01/14/2025 | <SRL | 1.42 | 1.0 | 99% |
| MS-12 | 250072-69783 | 01/13/2025 | 01/14/2025 | <SRL | 1.40 | 1.0 | 99% |
| SCV | 250072-69784 | 01/13/2025 | 01/14/2025 | <SRL | 1.38 | 1.0 | 99% |
| Chiquito Cyn Rd | 250072-69785 | 01/13/2025 | 01/14/2025 | 3.10 | 1.41 | 1.0 | 100% |
| S End Lincoln | 250072-69786 | 01/13/2025 | 01/14/2025 | 0.34 | 1.42 | 1.0 | 99% |
| MS-01 | 250072-69787 | 01/13/2025 | 01/14/2025 | 2.32 | 1.42 | 1.0 | 98% |
| MS-02 | 250072-69788 | 01/13/2025 | 01/14/2025 | <SRL | 1.39 | 1.0 | 100% |
| MS-03 | 250072-69789 | 01/13/2025 | 01/14/2025 | <SRL | 1.40 | 1.0 | 100% |
| MS-04 | 250072-69790 | 01/13/2025 | 01/14/2025 | <SRL | 1.43 | 1.0 | 99% |
| MS-05 | 250072-69791 | 01/13/2025 | 01/14/2025 | <SRL | 1.39 | 1.0 | 100% |
| Working Face | 250072-69792 | 01/13/2025 | 01/14/2025 | <SRL | 1.41 | 1.0 | 98% |
| Reaction | 250072-69793 | 01/13/2025 | 01/14/2025 | <SRL | 1.40 | 1.0 | 101% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.63 | 102 |
| Chlorodifluoromethane | 10.20 | 9.16 | 90 |
| Propene | 10.70 | 8.89 | 83 |
| Dichlorodifluoromethane | 10.40 | 10.04 | 97 |
| Dimethyl Ether | 10.10 | 9.05 | 90 |
| Chloromethane | 10.50 | 8.69 | 83 |
| Dichlorotetrafluoroethane | 10.20 | 9.93 | 97 |
| Vinyl Chloride | 10.60 | 10.14 | 96 |
| Acetaldehyde | 20.90 | 16.59 | 79 |
| Methanol | 20.40 | 18.48 | 91 |
| 1,3-Butadiene | 10.70 | 9.86 | 92 |
| Bromomethane | 10.40 | 9.39 | 90 |
| Chloroethane | 10.40 | 8.45 | 81 |
| Dichlorofluoromethane | 10.10 | 9.26 | 92 |
| Ethanol | 11.40 | 9.23 | 81 |
| Vinyl Bromide | 10.10 | 9.09 | 90 |
| Acrolein | 10.90 | 9.85 | 90 |
| Acetone | 10.60 | 9.67 | 91 |
| Trichlorofluoromethane | 10.50 | 9.95 | 95 |
| 2-Propanol (IPA) | 11.00 | 9.29 | 84 |
| Acrylonitrile | 11.10 | 8.89 | 80 |
| 1,1-Dichloroethene | 10.50 | 9.71 | 92 |
| Methylene Chloride (DCM) | 10.40 | 9.79 | 94 |
| TertButanol (TBA) | 11.20 | 10.09 | 90 |
| Allyl Chloride | 10.20 | 9.20 | 90 |
| Carbon Disulfide | 10.50 | 10.20 | 97 |
| Trichlorotrifluoroethane | 10.30 | 9.70 | 94 |
| trans-1,2-Dichloroethene | 10.80 | 10.72 | 99 |
| 1,1-Dichloroethane | 10.70 | 10.23 | 96 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.20 | 95 |
| Vinyl Acetate | 11.00 | 9.51 | 86 |
| 2-Butanone (MEK) | 10.70 | 10.26 | 96 |
| cis-1,2-Dichloroethene | 10.70 | 10.66 | 100 |
| Hexane | 10.80 | 9.98 | 92 |
| Chloroform | 10.70 | 10.61 | 99 |
| Ethyl Acetate | 10.70 | 9.31 | 87 |
| Tetrahydrofuran | 10.40 | 9.92 | 95 |
| 1,2-Dichloroethane | 10.60 | 10.80 | 102 |
| 1,1,1-Trichloroethane | 10.50 | 10.56 | 101 |
| Benzene | 10.70 | 10.60 | 99 |
| Carbon Tetrachloride | 10.30 | 10.58 | 103 |
| Cyclohexane | 10.50 | 9.77 | 93 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 9.96 | 93 |
| Bromodichloromethane | 10.50 | 10.33 | 98 |
| 1,4-Dioxane | 10.50 | 10.41 | 99 |
| Trichloroethene (TCE) | 10.50 | 10.80 | 103 |
| 2,2,4-Trimethylpentane | 10.10 | 9.25 | 92 |
| Methyl Methacrylate | 11.00 | 10.36 | 94 |
| Heptane | 10.50 | 9.77 | 93 |
| cis-1,3-Dichloropropene | 10.50 | 10.52 | 100 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.30 | 89 |
| trans-1,3-Dichloropropene | 10.60 | 10.38 | 98 |
| 1,1,2-Trichloroethane | 10.60 | 9.32 | 88 |
| Toluene | 10.80 | 10.53 | 98 |
| 2-Hexanone (MBK) | 10.50 | 9.37 | 89 |
| Dibromochloromethane | 10.60 | 10.59 | 100 |
| 1,2-Dibromoethane | 10.60 | 10.46 | 99 |
| Tetrachloroethene (PCE) | 10.50 | 10.63 | 101 |
| Chlorobenzene | 10.80 | 11.11 | 103 |
| Ethylbenzene | 10.60 | 10.66 | 101 |
| m & p-Xylene | 21.20 | 21.61 | 102 |
| Bromoform | 10.60 | 10.51 | 99 |
| Styrene | 10.60 | 11.15 | 105 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.68 | 91 |
| o-Xylene | 10.60 | 10.82 | 102 |
| 1,2,3-Trichloropropane | 11.00 | 11.40 | 104 |
| Isopropylbenzene (Cumene) | 10.40 | 10.38 | 100 |
| α-Pinene | 10.80 | 10.37 | 96 |
| 2-Chlorotoluene | 10.30 | 10.85 | 105 |
| n-Propylbenzene | 10.10 | 10.54 | 104 |
| 4-Ethyltoluene | 10.40 | 10.52 | 101 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.46 | 102 |
| β-Pinene | 10.90 | 10.48 | 96 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.45 | 101 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.89 | 96 |
| 1,3-Dichlorobenzene | 10.30 | 10.43 | 101 |
| 1,4-Dichlorobenzene | 10.20 | 10.14 | 99 |
| Sec-ButylBenzene | 10.00 | 9.81 | 98 |
| 1,2-Dichlorobenzene | 10.40 | 10.66 | 103 |
| n-ButylBenzene | 10.20 | 10.29 | 101 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 10.02 | 99 |
| 1,2,4-Trichlorobenzene | 10.50 | 10.87 | 104 |
| Naphthalene | 10.90 | 12.19 | 112 |
| Hexachlorobutadiene | 10.80 | 10.24 | 95 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.63 | 9.79 | 102 | 104 | 1.6 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 9.71 | 10.02 | 92 | 95 | 3.1 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 9.79 | 9.95 | 94 | 96 | 1.6 |
| Benzene | 0.0 | 10.70 | 10.60 | 10.45 | 99 | 98 | 1.4 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.80 | 11.00 | 103 | 105 | 1.8 |
| Toluene | 0.0 | 10.80 | 10.53 | 10.62 | 98 | 98 | 0.9 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 10.63 | 10.70 | 101 | 102 | 0.7 |
| Chlorobenzene | 0.0 | 10.80 | 11.11 | 10.96 | 103 | 101 | 1.4 |
| Ethylbenzene | 0.0 | 10.60 | 10.66 | 10.63 | 101 | 100 | 0.3 |
| m & p-Xylene | 0.0 | 21.20 | 21.61 | 21.30 | 102 | 100 | 1.4 |
| o-Xylene | 0.0 | 10.60 | 10.82 | 10.77 | 102 | 102 | 0.5 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 011425* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 99% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 011425* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/14/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x37.44

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 243166-69259

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.63 | 9.55 | 0.8 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | 3310 | 3380 | 1.9 |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol | <SRL | <SRL | |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | <SRL | <SRL | |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone | <SRL | <SRL | |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | 410 | 418 | 2.0 |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | 434 | 460 | 5.9 |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250072

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 69794 | 1-13-25 | 1220 | tedlar 1 | X | | | | | |
| MS-07 | 69795 | | 1341 | | X | | | | | |
| MS-08 | 69796 | | 1404 | | X | | | | | |
| MS-09 | 69797 | | 1413 | | X | | | | | |
| MS-10 | 69798 | | 1148 | | X | | | | | |
| MS-11 | 69799 | | 1203 | | X | | | | | |
| MS-12 | 69800 | | 1354 | | X | | | | | |
| SCV | 69801 | | 1142 | | X | | | | | |
| Chiquito Cyn Rd | 69802 | | 1347 | | X | | | | | |
| S. End Lincoln | 69803 | | 1354 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature: °C
Thermometer ID:
Initials:
Returned Cont:
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Davalos | 1-13-25 | Print: | 1/13/25 |
| Signature: ND | Time | Signature: | Time 1521 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |

250072

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h
- ☐ Same Day
- ☐ Rush 48 h
- ☐ 5 Days
- ☒ Rush 72 h
- ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 69804 | 1-13-25 | 1304 | tedlar 1 | X | | | | | |
| MS-02 | 69805 | | 1332 | | X | | | | | |
| MS-03 | 69806 | | 1228 | | X | | | | | |
| MS-04 | 69807 | | 1313 | | X | | | | | |
| MS-05 | 69808 | | 1254 | | X | | | | | |
| Working Face | 69809 | | 1243 | | X | | | | | |
| Reaction | 69810 | ↓ | 1320 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**

Sample Received via:
- ☐ FedEx
- ☐ UPS
- ☐ Courier
- ☐ Other

Temperature ____ °C
Thermometer ID ____
Initials ____
Returned Cont. ____
Total cans: ____
Unused cans: ____
Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
- ☐ Yes
- ☐ No

**LAB USE ONLY**
Notes: ____

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-13-25 Time | **Received By** Print: Signature: | Date 1/13/25 Time 1524 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250072

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|
| MS-06 | 69777 | 1-13-25 | 1220 | summa 1 | X | |
| MS-07 | 69778 | | 1341 | | X | |
| MS-08 | 69779 | | 1404 | | X | |
| MS-09 | 69780 | | 1413 | | X | |
| MS-10 | 69781 | | 1148 | | X | |
| MS-11 | 69782 | | 1203 | | X | |
| MS-12 | 69783 | | 1359 | | X | |
| SCV | 69784 | | 1142 | | X | |
| Chiquito Cyn Rd | 69785 | | 1347 | | X | |
| S. End Lincoln | 69788 | | 1354 | | X | |
| | 69786 | 1/13/25 | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Empt
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-13-25 Time | **Received By** Print: H Signature: | Date 1/13/25 Time 1524 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |



D/O - 174 cans

250072

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 69787 | 1-13-25 | 1304 | summa 1 | X | | | | | |
| MS-02 | 69788 | | 1332 | | X | | | | | |
| MS-03 | 69789 | | 1228 | | X | | | | | |
| MS-04 | 69790 | | 1313 | | X | | | | | |
| MS-05 | 69791 | | 1254 | | X | | | | | |
| Working Face | 69792 | | 1243 | | X | | | | | |
| Reaction | 69793 | | 1320 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID
Initials
Returned Equip.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | | |
|---|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-13-25 Time | **Received By** Print: Signature: | Date 1/15/25 Time 1524 | |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time | |

Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita |
| PROJECT NUMBER | : 01204123.21 Task 22 |
| AAC PROJECT NO. | : 250072 |
| REPORT DATE | : 01/16/2025 |

On January 13th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250072-69794 | S. End Lincoln | 250072-69803 |
| MS-07 | 250072-69795 | MS-01 | 250072-69804 |
| MS-08 | 250072-69796 | MS-02 | 250072-69805 |
| MS-09 | 250072-69797 | MS-03 | 250072-69806 |
| MS-10 | 250072-69798 | MS-04 | 250072-69807 |
| MS-11 | 250072-69799 | MS-05 | 250072-69808 |
| MS-12 | 250072-69800 | Working Face | 250072-69809 |
| SCV | 250072-69801 | Reaction | 250072-69810 |
| Chiquito Cyn Rd | 250072-69802 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250072**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/13/2025**
**RECEIVING DATE : 01/13/2025**
**ANALYSIS DATE : 01/13-14/2025**
**REPORT DATE : 01/16/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250072-69794 | 250072-69795 | 250072-69796 | 250072-69797 | 250072-69798 | 250072-69799 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250072**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/13/2025**
**RECEIVING DATE : 01/13/2025**
**ANALYSIS DATE : 01/13-14/2025**
**REPORT DATE : 01/16/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250072-69800 | 250072-69801 | 250072-69802 | 250072-69803 | 250072-69804 | 250072-69805 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250072**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/13/2025**
**RECEIVING DATE : 01/13/2025**
**ANALYSIS DATE : 01/13-14/2025**
**REPORT DATE : 01/16/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250072-69806 | 250072-69807 | 250072-69808 | 250072-69809 | 250072-69810 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/13/2025**
**Analyst: NR/DM**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 01/04/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 29401 | 484 | 98.1 | 0.5 |
| Duplicate | 30173 | 497 | 100.6 | 2.1 |
| Triplicate | 29084 | 479 | 97.0 | 1.6 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 27836 | 503 | 99.2 | 0.5 |
| Duplicate | 27382 | 495 | 97.6 | 1.1 |
| Triplicate | 27846 | 503 | 99.2 | 0.6 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 33155 | 501 | 104.3 | 1.1 |
| Duplicate | 32278 | 488 | 101.5 | 1.6 |
| Triplicate | 32950 | 498 | 103.6 | 0.5 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 262.1 | 246.2 | 106.1 | 99.7 | 6.3 |
| MeSH | <PQL | 253.8 | 242.3 | 259.1 | 95.5 | 102.1 | 6.7 |
| DMS | <PQL | 240.3 | 250.5 | 257.3 | 104.3 | 107.1 | 2.7 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 502.3 | 101.7 |
| MeSH | 507.5 | 487.0 | 96.0 |
| DMS | 480.5 | 493.1 | 102.6 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 50.0 ppbV*
*MDL =5.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/13/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7168 | 0.504 | 102.0 | 0.1 |
| Duplicate | 6996 | 0.492 | 99.5 | 2.3 |
| Triplicate | 7316 | 0.514 | 104.1 | 2.2 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6190 | 0.516 | 101.7 | 0.3 |
| Duplicate | 6151 | 0.513 | 101.1 | 0.4 |
| Triplicate | 6181 | 0.516 | 101.6 | 0.1 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8124 | 0.474 | 98.7 | 1.1 |
| Duplicate | 8277 | 0.483 | 100.5 | 0.8 |
| Triplicate | 8236 | 0.481 | 100.0 | 0.3 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.260 | 0.240 | 105.3 | 97.2 | 8.0 |
| MeSH | <PQL | 0.254 | 0.253 | 0.250 | 99.7 | 98.5 | 1.2 |
| DMS | <PQL | 0.240 | 0.246 | 0.223 | 102.4 | 92.8 | 9.8 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.513 | 103.8 |
| MeSH | 0.508 | 0.547 | 107.8 |
| DMS | 0.481 | 0.463 | 96.4 |

**** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*
*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/14/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7117 | 0.500 | 101.2 | 0.0 |
| Duplicate | 7113 | 0.500 | 101.2 | 0.0 |
| Triplicate | 7111 | 0.500 | 101.2 | 0.0 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6076 | 0.507 | 99.9 | 0.1 |
| Duplicate | 6130 | 0.511 | 100.8 | 1.0 |
| Triplicate | 6006 | 0.501 | 98.7 | 1.1 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7972 | 0.465 | 96.8 | 0.1 |
| Duplicate | 8064 | 0.471 | 98.0 | 1.1 |
| Triplicate | 7905 | 0.461 | 96.0 | 0.9 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.259 | 0.263 | 104.9 | 106.5 | 1.5 |
| MeSH | <PQL | 0.254 | 0.257 | 0.273 | 101.3 | 107.6 | 6.0 |
| DMS | <PQL | 0.240 | 0.241 | 0.255 | 100.3 | 106.1 | 5.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.513 | 103.8 |
| MeSH | 0.508 | 0.538 | 106.0 |
| DMS | 0.481 | 0.448 | 93.2 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*
*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/14/2025**
**Analyst: NR/DM**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 01/04/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 29846 | 492 | 99.5 | 0.4 |
| Duplicate | 29060 | 479 | 96.9 | 2.3 |
| Triplicate | 30304 | 499 | 101.1 | 1.9 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 28598 | 517 | 101.9 | 1.4 |
| Duplicate | 28061 | 507 | 100.0 | 0.5 |
| Triplicate | 27943 | 505 | 99.6 | 0.9 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 33080 | 500 | 104.0 | 0.6 |
| Duplicate | 32894 | 497 | 103.5 | 0.1 |
| Triplicate | 32650 | 493 | 102.7 | 0.7 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 266.4 | 257.0 | 107.9 | 104.1 | 3.6 |
| MeSH | <PQL | 253.8 | 255.2 | 258.3 | 100.6 | 101.8 | 1.2 |
| DMS | <PQL | 240.3 | 257.3 | 257.9 | 107.1 | 107.4 | 0.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 501.8 | 101.6 |
| MeSH | 507.5 | 506.4 | 99.8 |
| DMS | 480.5 | 506.9 | 105.5 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*
*MDL =5.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250072

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 69794 | 1-13-25 | 1220 | tedlar 1 | X | | | | |
| MS-07 | 69795 | | 1341 | | X | | | | |
| MS-08 | 69796 | | 1404 | | X | | | | |
| MS-09 | 69797 | | 1413 | | X | | | | |
| MS-10 | 69798 | | 1148 | | X | | | | |
| MS-11 | 69799 | | 1203 | | X | | | | |
| MS-12 | 69800 | | 1354 | | X | | | | |
| SCV | 69801 | | 1142 | | X | | | | |
| Chiquito Cyn Rd | 69802 | | 1347 | | X | | | | |
| S. End Lincoln | 69803 | | 1354 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**

Lab ID

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other

Temperature: _____ °C

Thermometer ID _____

Initials _____

Returned Eqmt

Total cans: _____

Unused cans: _____

Flow Controllers: _____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By**<br>Print: Nathaniel Davalos<br>Signature: ND | Date 1-13-25<br>Time | **Received By**<br>Print: H<br>Signature: | Date 1/13/25<br>Time 1524 |
| **Relinquished By**<br>Print:<br>Signature: | Date<br>Time | **Received By**<br>Print:<br>Signature: | Date<br>Time |

250072

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**Client/Company Name:** SCS ENGINEERS
**Project Manager Name:** PAUL SCHAFER
**Project Name:** CHIQUITA [ ON ]
**Project Number:** 01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**AAC Project No.:**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR |
|---|---|---|---|---|---|
| MS-01 | 69804 | 1-13-25 | 1304 | tedlar 1 | X |
| MS-02 | 69805 | | 1332 | | X |
| MS-03 | 69806 | | 1228 | | X |
| MS-04 | 69807 | | 1313 | | X |
| MS-05 | 69808 | | 1254 | | X |
| Working Face | 69809 | | 1243 | | X |
| Reaction | 69810 | | 1320 | | X |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Equip
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Davalos | 1-13-25 | Print: | 1/13/25 |
| Signature: ND | Time | Signature: | Time 1524 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |

250072

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 69777 | 1-13-25 | 1220 | summa 1 | X | | | | | |
| MS-07 | 69778 | | 1341 | | X | | | | | |
| MS-08 | 69779 | | 1404 | | X | | | | | |
| MS-09 | 69780 | | 1413 | | X | | | | | |
| MS-10 | 69781 | | 1148 | | X | | | | | |
| MS-11 | 69782 | | 1203 | | X | | | | | |
| MS-12 | 69783 | | 1359 | | X | | | | | |
| SCV | 69784 | | 1142 | | X | | | | | |
| Chiquito Cyn Rd | 69785 | | 1347 | | X | | | | | |
| S. End Lincoln | 69788 | | 1354 | | X | | | | | |
| | 69786 | 1/13/25 | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID
Initials
Returned Eqmt
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

LAB USE ONLY
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Davalos | 1-13-25 | Print: | 1/13/25 |
| Signature: ND | Time | Signature: | Time 1524 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |



p/o - 174 cans

250072

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**AAC Project No.:**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 69787 | 1-13-25 | 1304 | summa 1 | X | | | | | |
| MS-02 | 69788 | | 1332 | | X | | | | | |
| MS-03 | 69789 | | 1228 | | X | | | | | |
| MS-04 | 69790 | | 1313 | | X | | | | | |
| MS-05 | 69791 | | 1254 | | X | | | | | |
| Working Face | 69792 | | 1243 | | X | | | | | |
| Reaction | 69793 | | 1320 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID
Initials
Returned Eqmt
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-13-25 Time | Received By Print: Signature: | Date 1/13/25 Time 1524 |
| **Relinquished By** Print: Signature: | Date Time | Received By Print: Signature: | Date Time |

Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 250139
REPORT DATE : 01/22/2025

On January 20, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250139-70193 | 732.0 | S End Lincoln | 250139-70202 | 709.7 |
| MS-07 | 250139-70194 | 728.2 | MS-01 | 250139-70203 | 710.4 |
| MS-08 | 250139-70195 | 699.0 | MS-02 | 250139-70204 | 724.6 |
| MS-09 | 250139-70196 | 715.3 | MS-03 | 250139-70205 | 733.1 |
| MS-10 | 250139-70197 | 729.6 | MS-04 | 250139-70206 | 711.6 |
| MS-11 | 250139-70198 | 715.5 | MS-05 | 250139-70207 | 720.6 |
| MS-12 | 250139-70199 | 702.8 | Working Face | 250139-70208 | 730.6 |
| SCV | 250139-70200 | 732.6 | Reaction | 250139-70209 | 705.9 |
| Chiquito Cyn Rd | 250139-70201 | 709.1 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) | MS-07 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70193 | | | | 250139-70194 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.97 | <SRL | U | 1 | 7.05 | 5.00 |
| Methanol | <SRL | U | 1 | 6.97 | <SRL | U | 1 | 7.05 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.82 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | 3.04 | | 1 | 2.79 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.82 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70193 | | | | 250139-70194 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70195 | | | | 250139-70196 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | 0.96 | | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.30 | <SRL | U | 1 | 7.14 | 5.00 |
| Methanol | <SRL | U | 1 | 7.30 | <SRL | U | 1 | 7.14 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.92 | <SRL | U | 1 | 2.86 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | <SRL | U | 1 | 2.92 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.92 | <SRL | U | 1 | 2.86 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.92 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70195 | | | | 250139-70196 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 99% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) | MS-11 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70197 | | | | 250139-70198 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.99 | <SRL | U | 1 | 7.15 | 5.00 |
| Methanol | <SRL | U | 1 | 6.99 | <SRL | U | 1 | 7.15 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.86 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | <SRL | U | 1 | 2.79 | 15.8 | | 1 | 2.86 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.86 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | 2.00 | | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70197 | | | | 250139-70198 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) | SCV | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70199 | | | | 250139-70200 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.39 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.24 | <SRL | U | 1 | 6.97 | 5.00 |
| Methanol | <SRL | U | 1 | 7.24 | <SRL | U | 1 | 6.97 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.79 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.39 | 1.00 |
| Acetone | <SRL | U | 1 | 2.90 | 3.00 | | 1 | 2.79 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.79 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.39 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.39 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.39 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.79 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.39 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70199 | | | | 250139-70200 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.39 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.39 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.39 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| ß-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std, % Recovery | | 97% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70201 | | | | 250139-70202 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | 0.74 | | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 7.24 | 5.00 |
| Methanol | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 7.24 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.89 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | 3.23 | | 1 | 2.89 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.89 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70201 | | | | 250139-70202 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) | MS-02 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70203 | | | | 250139-70204 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 7.06 | 5.00 |
| Methanol | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 7.06 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.82 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | 3.32 | | 1 | 2.82 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.82 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70203 | | | | 250139-70204 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.41 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70205 | | | | 250139-70206 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.97 | <SRL | U | 1 | 7.20 | 5.00 |
| Methanol | <SRL | U | 1 | 6.97 | <SRL | U | 1 | 7.20 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.88 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.88 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) | MS-04 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70205 | | | | 250139-70206 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70207 | | | | 250139-70208 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | 0.72 | | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 6.97 | 5.00 |
| Methanol | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 6.97 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.79 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Acetone | <SRL | U | 1 | 2.83 | 2.84 | | 1 | 2.79 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.79 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.79 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250139-70207 | | | | 250139-70208 | | | | |
| *Date Sampled* | 01/19/2025 | | | | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| ß-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250139-70209 | | | | |
| *Date Sampled* | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.24 | 5.00 |
| Methanol | <SRL | U | 1 | 7.24 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.90 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | 3.00 | | 1 | 2.90 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.90 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.90 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250139
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250139-70209 | | | | |
| *Date Sampled* | 01/19/2025 | | | | |
| *Date Analyzed* | 01/21/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.45 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250139**
**MATRIX : AIR**

**DATE RECEIVED : 01/20/2025**
**DATE REPORTED : 01/22/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250139-70193 | 01/19/2025 | 01/21/2025 | <SRL | 1.39 | 1.0 | 97% |
| MS-07 | 250139-70194 | 01/19/2025 | 01/21/2025 | <SRL | 1.41 | 1.0 | 102% |
| MS-08 | 250139-70195 | 01/19/2025 | 01/21/2025 | <SRL | 1.46 | 1.0 | 99% |
| MS-09 | 250139-70196 | 01/19/2025 | 01/21/2025 | <SRL | 1.43 | 1.0 | 97% |
| MS-10 | 250139-70197 | 01/19/2025 | 01/21/2025 | <SRL | 1.40 | 1.0 | 95% |
| MS-11 | 250139-70198 | 01/19/2025 | 01/21/2025 | <SRL | 1.43 | 1.0 | 100% |
| MS-12 | 250139-70199 | 01/19/2025 | 01/21/2025 | <SRL | 1.45 | 1.0 | 97% |
| SCV | 250139-70200 | 01/19/2025 | 01/21/2025 | <SRL | 1.39 | 1.0 | 99% |
| Chiquito Cyn Rd | 250139-70201 | 01/19/2025 | 01/21/2025 | <SRL | 1.44 | 1.0 | 100% |
| S End Lincoln | 250139-70202 | 01/19/2025 | 01/21/2025 | <SRL | 1.45 | 1.0 | 98% |
| MS-01 | 250139-70203 | 01/19/2025 | 01/21/2025 | <SRL | 1.44 | 1.0 | 96% |
| MS-02 | 250139-70204 | 01/19/2025 | 01/21/2025 | <SRL | 1.41 | 1.0 | 98% |
| MS-03 | 250139-70205 | 01/19/2025 | 01/21/2025 | <SRL | 1.39 | 1.0 | 97% |
| MS-04 | 250139-70206 | 01/19/2025 | 01/21/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-05 | 250139-70207 | 01/19/2025 | 01/21/2025 | <SRL | 1.42 | 1.0 | 98% |
| Working Face | 250139-70208 | 01/19/2025 | 01/21/2025 | <SRL | 1.39 | 1.0 | 99% |
| Reaction | 250139-70209 | 01/19/2025 | 01/21/2025 | <SRL | 1.45 | 1.0 | 97% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

Note: DMS co-elutes with Ethanol, high EtOH concentrations can interfere with TIC search and quantitation.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

CLIENT : SCS Engineers
PROJECT NUMBER : 250139
MATRIX : AIR

DATE RECEIVED : 01/20/2025
DATE REPORTED : 01/22/2025
ANALYST : DL/CH

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250139-70193 | 01/19/2025 | 01/21/2025 | <SRL | 1.39 | 1.0 | 97% |
| MS-07 | 250139-70194 | 01/19/2025 | 01/21/2025 | <SRL | 1.41 | 1.0 | 102% |
| MS-08 | 250139-70195 | 01/19/2025 | 01/21/2025 | <SRL | 1.46 | 1.0 | 99% |
| MS-09 | 250139-70196 | 01/19/2025 | 01/21/2025 | <SRL | 1.43 | 1.0 | 97% |
| MS-10 | 250139-70197 | 01/19/2025 | 01/21/2025 | <SRL | 1.40 | 1.0 | 95% |
| MS-11 | 250139-70198 | 01/19/2025 | 01/21/2025 | <SRL | 1.43 | 1.0 | 100% |
| MS-12 | 250139-70199 | 01/19/2025 | 01/21/2025 | <SRL | 1.45 | 1.0 | 97% |
| SCV | 250139-70200 | 01/19/2025 | 01/21/2025 | <SRL | 1.39 | 1.0 | 99% |
| Chiquito Cyn Rd | 250139-70201 | 01/19/2025 | 01/21/2025 | <SRL | 1.44 | 1.0 | 100% |
| S End Lincoln | 250139-70202 | 01/19/2025 | 01/21/2025 | <SRL | 1.45 | 1.0 | 98% |
| MS-01 | 250139-70203 | 01/19/2025 | 01/21/2025 | <SRL | 1.44 | 1.0 | 96% |
| MS-02 | 250139-70204 | 01/19/2025 | 01/21/2025 | <SRL | 1.41 | 1.0 | 98% |
| MS-03 | 250139-70205 | 01/19/2025 | 01/21/2025 | <SRL | 1.39 | 1.0 | 97% |
| MS-04 | 250139-70206 | 01/19/2025 | 01/21/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-05 | 250139-70207 | 01/19/2025 | 01/21/2025 | <SRL | 1.42 | 1.0 | 98% |
| Working Face | 250139-70208 | 01/19/2025 | 01/21/2025 | <SRL | 1.39 | 1.0 | 99% |
| Reaction | 250139-70209 | 01/19/2025 | 01/21/2025 | <SRL | 1.45 | 1.0 | 97% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/21/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

| *Analyte Compounds* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 10.11 | 108 |
| Chlorodifluoromethane | 10.20 | 9.64 | 95 |
| Propene | 10.70 | 9.03 | 84 |
| Dichlorodifluoromethane | 10.40 | 10.68 | 103 |
| Dimethyl Ether | 10.10 | 8.96 | 89 |
| Chloromethane | 10.50 | 8.81 | 84 |
| Dichlorotetrafluoroethane | 10.20 | 10.31 | 101 |
| Vinyl Chloride | 10.60 | 10.04 | 95 |
| Acetaldehyde | 20.90 | 17.78 | 85 |
| Methanol | 20.40 | 18.41 | 90 |
| 1,3-Butadiene | 10.70 | 9.83 | 92 |
| Bromomethane | 10.40 | 9.45 | 91 |
| Chloroethane | 10.40 | 9.77 | 94 |
| Dichlorofluoromethane | 10.10 | 9.42 | 93 |
| Ethanol | 11.40 | 8.91 | 78 |
| Vinyl Bromide | 10.10 | 9.39 | 93 |
| Acrolein | 10.90 | 8.17 | 75 |
| Acetone | 10.60 | 9.56 | 90 |
| Trichlorofluoromethane | 10.50 | 10.53 | 100 |
| 2-Propanol (IPA) | 11.00 | 9.34 | 85 |
| Acrylonitrile | 11.10 | 8.46 | 76 |
| 1,1-Dichloroethene | 10.50 | 10.25 | 98 |
| Methylene Chloride (DCM) | 10.40 | 9.74 | 94 |
| TertButanol (TBA) | 11.20 | 10.69 | 95 |
| Allyl Chloride | 10.20 | 10.40 | 102 |
| Carbon Disulfide | 10.50 | 10.42 | 99 |
| Trichlorotrifluoroethane | 10.30 | 10.41 | 101 |
| trans-1,2-Dichloroethene | 10.80 | 11.08 | 103 |
| 1,1-Dichloroethane | 10.70 | 10.48 | 98 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 9.60 | 90 |
| Vinyl Acetate | 11.00 | 9.68 | 88 |
| 2-Butanone (MEK) | 10.70 | 10.24 | 96 |
| cis-1,2-Dichloroethene | 10.70 | 11.12 | 104 |
| Hexane | 10.80 | 10.48 | 97 |
| Chloroform | 10.70 | 11.20 | 105 |
| Ethyl Acetate | 10.70 | 9.51 | 89 |
| Tetrahydrofuran | 10.40 | 9.81 | 94 |
| 1,2-Dichloroethane | 10.60 | 11.33 | 107 |
| 1,1,1-Trichloroethane | 10.50 | 11.49 | 109 |
| Benzene | 10.70 | 10.64 | 99 |
| Carbon Tetrachloride | 10.30 | 11.46 | 111 |
| Cyclohexane | 10.50 | 10.05 | 96 |

| *Analyte Compounds (Continued)* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.06 | 94 |
| Bromodichloromethane | 10.50 | 10.90 | 104 |
| 1,4-Dioxane | 10.50 | 9.87 | 94 |
| Trichloroethene (TCE) | 10.50 | 11.13 | 106 |
| 2,2,4-Trimethylpentane | 10.10 | 9.29 | 92 |
| Methyl Methacrylate | 11.00 | 10.63 | 97 |
| Heptane | 10.50 | 10.26 | 98 |
| cis-1,3-Dichloropropene | 10.50 | 10.66 | 102 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.66 | 92 |
| trans-1,3-Dichloropropene | 10.60 | 10.75 | 101 |
| 1,1,2-Trichloroethane | 10.60 | 9.54 | 90 |
| Toluene | 10.80 | 10.95 | 101 |
| 2-Hexanone (MBK) | 10.50 | 9.33 | 89 |
| Dibromochloromethane | 10.60 | 11.25 | 106 |
| 1,2-Dibromoethane | 10.60 | 10.71 | 101 |
| Tetrachloroethene (PCE) | 10.50 | 11.55 | 110 |
| Chlorobenzene | 10.80 | 10.86 | 101 |
| Ethylbenzene | 10.60 | 10.69 | 101 |
| m & p-Xylene | 21.20 | 21.58 | 102 |
| Bromoform | 10.60 | 11.00 | 104 |
| Styrene | 10.60 | 11.12 | 105 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.37 | 88 |
| o-Xylene | 10.60 | 10.81 | 102 |
| 1,2,3-Trichloropropane | 11.00 | 11.31 | 103 |
| Isopropylbenzene (Cumene) | 10.40 | 10.57 | 102 |
| α-Pinene | 10.80 | 10.51 | 97 |
| 2-Chlorotoluene | 10.30 | 10.80 | 105 |
| n-Propylbenzene | 10.10 | 10.62 | 105 |
| 4-Ethyltoluene | 10.40 | 10.58 | 102 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.67 | 104 |
| β-Pinene | 10.90 | 10.46 | 96 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.58 | 103 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 10.07 | 98 |
| 1,3-Dichlorobenzene | 10.30 | 10.09 | 98 |
| 1,4-Dichlorobenzene | 10.20 | 11.17 | 110 |
| Sec-ButylBenzene | 10.00 | 9.84 | 98 |
| 1,2-Dichlorobenzene | 10.40 | 10.65 | 102 |
| n-ButylBenzene | 10.20 | 10.45 | 102 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 10.37 | 103 |
| 1,2,4-Trichlorobenzene | 10.50 | 11.07 | 105 |
| Naphthalene | 10.90 | 11.47 | 105 |
| Hexachlorobutadiene | 10.80 | 10.99 | 102 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/21/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS [1] Recovery* | *LCSD [1] Recovery* | *LCS [1] % Recovery [2]* | *LCSD [1] % Recovery [2]* | *RPD [3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 10.11 | 9.87 | 108 | 105 | 2.4 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.25 | 9.82 | 98 | 94 | 4.3 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 9.74 | 9.16 | 94 | 88 | 6.1 |
| Benzene | 0.0 | 10.70 | 10.64 | 10.52 | 99 | 98 | 1.1 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 11.13 | 11.00 | 106 | 105 | 1.2 |
| Toluene | 0.0 | 10.80 | 10.95 | 10.57 | 101 | 98 | 3.5 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 11.55 | 11.28 | 110 | 107 | 2.4 |
| Chlorobenzene | 0.0 | 10.80 | 10.86 | 10.83 | 101 | 100 | 0.3 |
| Ethylbenzene | 0.0 | 10.60 | 10.69 | 10.47 | 101 | 99 | 2.1 |
| m & p-Xylene | 0.0 | 21.20 | 21.58 | 21.68 | 102 | 102 | 0.5 |
| o-Xylene | 0.0 | 10.60 | 10.81 | 10.54 | 102 | 99 | 2.5 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/21/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 012125* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 98% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 012125* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/21/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.41

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250139-70194

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.57 | 8.95 | 6.7 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | <SRL | <SRL | |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol J | 4.04 | 4.35 | 7.4 |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | <SRL | <SRL | |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone J | 2.69 | 2.52 | 6.5 |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250139

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS
**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]
**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | ~~70139~~ 70193 | 1-14-25 | 1216 | summa 1 | X | | | | |
| MS-07 | 70194 | | 1326 | | X | | | | |
| MS-08 | 70195 | | 1353 | | X | | | | |
| MS-09 | 70196 | | 1404 | | X | | | | |
| MS-10 | 70197 | | 1147 | | X | | | | |
| MS-11 | 70198 | | 1158 | | X | | | | |
| MS-12 | 70199 | | 1347 | | X | | | | |
| SCV | 70200 | | 1138 | | X | | | | |
| Chiquito Cyn Rd | 70201 | | 1333 | | X | | | | |
| S. End Lincoln | 70202 | | 1340 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature: °C
Thermometer ID:
Initials:
Returned Cont:
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | | |
|---|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-19-25 Time | **Received By** Print: Signature: | Date 1/20/25 Time 1247 | |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time | |

0/0 - 17 cans

250139

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nate Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | Lab ID |
|---|---|---|---|---|---|---|
| MS-01 | 70203 | 1-19-25 | 1254 | summa 1 | X | |
| MS-02 | 70204 | | 1233 | | X | |
| MS-03 | 70205 | | 1226 | | X | |
| MS-04 | 70206 | | 1308 | | X | |
| MS-05 | 70207 | | 1250 | | X | |
| Working Face | 70208 | | 1241 | | X | |
| Reaction | 70209 | | 1314 | | X | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID: ____
Initials: ____
Returned Empty:
Total cans: ____
Unused cans: ____
Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-19-25 Time | **Received By** Print: Signature: | Date 1/20/25 Time 1247 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250139

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Downes
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 70210 | 1-19-25 | 1216 | tedlar 1 | X | | | | | |
| MS-07 | 70211 | | 1326 | | X | | | | | |
| MS-08 | 70212 | | 1353 | | X | | | | | |
| MS-09 | 70213 | | 1404 | | X | | | | | |
| MS-10 | 70214 | | 1147 | | X | | | | | |
| MS-11 | 70215 | | 1158 | | X | | | | | |
| MS-12 | 70216 | | 1347 | | X | | | | | |
| SCV | 70217 | | 1138 | | X | | | | | |
| Chiquito Cyn Rd | 70218 | | 1333 | | X | | | | | |
| S. End Lincoln | 70219 | ↓ | 1340 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Cont
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Downes Signature: ND | Date 1-19-25 Time | **Received By** Print: Signature: | Date 1/20/25 Time 1347 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250139

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 70220 | 1-14-25 | 1259 | tedlar 1 | X | | | | |
| MS-02 | 70221 | | 1233 | | X | | | | |
| MS-03 | 70222 | | 1226 | | X | | | | |
| MS-04 | 70223 | | 1308 | | X | | | | |
| MS-05 | 70224 | | 1250 | | X | | | | |
| Working Face | 70225 | | 1241 | | X | | | | |
| Reaction | 70226 | | 1314 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**

| Lab ID | |
|---|---|
| | Sample Received via: ☐FedEx ☐UPS ☐Courier ☐Other |
| | Temperature: °C |
| | Thermometer ID: |
| | Initials: |
| | Returned Cont: |
| | Total cans: |
| | Unused cans: |
| | Flow Controllers: |

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 1-17-25 **Time** | **Received By** Print: Signature: | **Date** 1/20/25 **Time** 1247 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita |
| PROJECT NUMBER | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250139 |
| REPORT DATE | : 01/21/2025 |

On January 20th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250139-70210 | S. End Lincoln | 250139-70219 |
| MS-07 | 250139-70211 | MS-01 | 250139-70220 |
| MS-08 | 250139-70212 | MS-02 | 250139-70221 |
| MS-09 | 250139-70213 | MS-03 | 250139-70222 |
| MS-10 | 250139-70214 | MS-04 | 250139-70223 |
| MS-11 | 250139-70215 | MS-05 | 250139-70224 |
| MS-12 | 250139-70216 | Working Face | 250139-70225 |
| SCV | 250139-70217 | Reaction | 250139-70226 |
| Chiquito Cyn Rd | 250139-70218 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 10 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250139**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/19/2025**
**RECEIVING DATE : 01/20/2025**
**ANALYSIS DATE : 01/20/2025**
**REPORT DATE : 01/21/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250139-70210 | 250139-70211 | 250139-70212 | 250139-70213 | 250139-70214 | 250139-70215 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250139**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/19/2025**
**RECEIVING DATE : 01/20/2025**
**ANALYSIS DATE : 01/20/2025**
**REPORT DATE : 01/21/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250139-70216 | 250139-70217 | 250139-70218 | 250139-70219 | 250139-70220 | 250139-70221 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250139**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/19/2025**
**RECEIVING DATE : 01/20/2025**
**ANALYSIS DATE : 01/20/2025**
**REPORT DATE : 01/21/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250139-70222 | 250139-70223 | 250139-70224 | 250139-70225 | 250139-70226 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/20/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7122 | 0.500 | 101.3 | 1.4 |
| Duplicate | 7189 | 0.505 | 102.3 | 0.4 |
| Triplicate | 7353 | 0.517 | 104.6 | 1.8 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6288 | 0.524 | 103.3 | 0.5 |
| Duplicate | 6293 | 0.525 | 103.4 | 0.4 |
| Triplicate | 6375 | 0.532 | 104.8 | 0.9 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7983 | 0.466 | 97.0 | 0.6 |
| Duplicate | 7945 | 0.464 | 96.5 | 0.2 |
| Triplicate | 7870 | 0.459 | 95.6 | 0.8 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.256 | 0.255 | 103.6 | 103.2 | 0.4 |
| MeSH | <PQL | 0.254 | 0.266 | 0.265 | 104.8 | 104.4 | 0.4 |
| DMS | <PQL | 0.240 | 0.220 | 0.229 | 91.6 | 95.3 | 4.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.486 | 98.4 |
| MeSH | 0.508 | 0.521 | 102.7 |
| DMS | 0.481 | 0.441 | 91.8 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*
*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/20/2025**
**Analyst: NR/DM**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 01/04/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 29902 | 493 | 99.7 | 0.7 |
| Duplicate | 28722 | 473 | 95.8 | 3.3 |
| Triplicate | 30474 | 502 | 101.6 | 2.6 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 27379 | 495 | 97.5 | 1.3 |
| Duplicate | 27414 | 496 | 97.7 | 1.2 |
| Triplicate | 28442 | 514 | 101.3 | 2.5 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 30820 | 466 | 96.9 | 2.4 |
| Duplicate | 31129 | 470 | 97.9 | 1.4 |
| Triplicate | 32805 | 496 | 103.2 | 3.9 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 259.4 | 265.4 | 105.0 | 107.4 | 2.3 |
| MeSH | <PQL | 253.8 | 259.6 | 268.7 | 102.3 | 105.9 | 3.5 |
| DMS | <PQL | 240.3 | 263.3 | 262.3 | 109.6 | 109.2 | 0.4 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 485.8 | 98.3 |
| MeSH | 507.5 | 497.0 | 97.9 |
| DMS | 480.5 | 501.7 | 104.4 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 50.0 ppbV*
*MDL =5.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250139

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 70210 | 1-14-25 | 1216 | tedlar 1 | X | | | | |
| MS-07 | 70211 | | 1326 | | X | | | | |
| MS-08 | 70212 | | 1353 | | X | | | | |
| MS-09 | 70213 | | 1404 | | X | | | | |
| MS-10 | 70214 | | 1147 | | X | | | | |
| MS-11 | 70215 | | 1158 | | X | | | | |
| MS-12 | 70216 | | 1347 | | X | | | | |
| SCV | 70217 | | 1138 | | X | | | | |
| Chiquito Cyn Rd | 70218 | | 1333 | | X | | | | |
| S. End Lincoln | 70219 | ↓ | 1340 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**

| Lab ID | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Cont
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-14-25 Time | **Received By** Print: Signature: | Date 1/20/25 Time 1247 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250139

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 70220 | 1-14-25 | 1259 | tedlar 1 | X | | | | | |
| MS-02 | 70221 | | 1233 | | X | | | | | |
| MS-03 | 70222 | | 1226 | | X | | | | | |
| MS-04 | 70223 | | 1308 | | X | | | | | |
| MS-05 | 70224 | | 1250 | | X | | | | | |
| Working Face | 70225 | | 1241 | | X | | | | | |
| Reaction | 70226 | | 1314 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**AAC Project No.:**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☒ Other
Temperature: ____ °C
Thermometer ID: ____
Initials: ____
Returned Cont: ____
Total cans: ____
Unused cans: ____
Flow Controllers: ____

**Client Notes/Special Instructions:**

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Davalos | 1-A-25 | Print: H | 1/20/25 |
| Signature: ND | Time | Signature: | Time 1247 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |

250139

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS |
|---|---|---|---|---|---|
| MS-06 | ~~70139~~ 70193 | 1-9-25 | 1216 | summa 1 | X |
| MS-07 | 70194 | | 1326 | | X |
| MS-08 | 70195 | | 1353 | | X |
| MS-09 | 70196 | | 1404 | | X |
| MS-10 | 70197 | | 1147 | | X |
| MS-11 | 70198 | | 1158 | | X |
| MS-12 | 70199 | | 1347 | | X |
| SCV | 70200 | | 1138 | | X |
| Chiquito Cyn Rd | 70201 | | 1333 | | X |
| S. End Lincoln | 70202 | | 1340 | | X |
| | | | | | |
| | | | | | |

**LAB USE ONLY**

| Lab ID | Sample Received via: ☐FedEx ☐UPS ☐Courier ☐Other | Temperature °C | Thermometer ID | Initials | Returned Cont. | Total cans | Unused cans | Flow Controllers |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**Client Notes/Special Instructions:**

**EDD?** ☐Yes ☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-9-25 Time | **Received By** Print: Signature: | Date 1/20/25 Time 1247 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

10 - 17x cans

250139

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nate Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 70203 | 1-19-25 | 1254 | summa 1 | X | | | | | |
| MS-02 | 70204 | | 1233 | | X | | | | | |
| MS-03 | 70205 | | 1226 | | X | | | | | |
| MS-04 | 70206 | | 1308 | | X | | | | | |
| MS-05 | 70207 | | 1250 | | X | | | | | |
| Working Face | 70208 | | 1241 | | X | | | | | |
| Reaction | 70209 | | 1314 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY: Sample Received via:**
☐ FedEx
☐ UPS
☐ Courier
☐ Other

**Temperature:** °C
**Thermometer ID**
**Initials**
**Returned Equip.**
**Total cans:**
**Unused cans:**
**Flow Controllers:**

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY: Notes:**

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 1-19-25 **Time** | **Received By** Print: Signature: | **Date** 1/20/25 **Time** 1247 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

# Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 250234
REPORT DATE : 02/04/2025

On January 30, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250234-70756 | 736.5 | S End Lincoln | 250234-70765 | 724.5 |
| MS-07 | 250234-70757 | 728.0 | MS-01 | 250234-70766 | 743.5 |
| MS-08 | 250234-70758 | 710.0 | MS-02 | 250234-70767 | 733.5 |
| MS-09 | 250234-70759 | 718.5 | MS-03 | 250234-70768 | 730.5 |
| MS-10 | 250234-70760 | 741.5 | MS-04 | 250234-70769 | 728.0 |
| MS-11 | 250234-70761 | 746.5 | MS-05 | 250234-70770 | 744.0 |
| MS-12 | 250234-70762 | 724.0 | Working Face | 250234-70771 | 725.5 |
| SCV | 250234-70763 | 736.0 | Reaction | 250234-70772 | 727.5 |
| Chiquito Cyn Rd | 250234-70764 | 730.5 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.


225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70756 | | | | 250234-70757 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.91 | <SRL | U | 1 | 7.02 | 5.00 |
| Methanol | <SRL | U | 1 | 6.91 | <SRL | U | 1 | 7.02 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | 6.00 | | 1 | 2.77 | 3.66 | | 1 | 2.81 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | 3.08 | | 1 | 2.77 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.81 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70756 | | | | 250234-70757 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std, % Recovery | | 104% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



7225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70758 | | | | 250234-70759 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.22 | <SRL | U | 1 | 7.13 | 5.00 |
| Methanol | <SRL | U | 1 | 7.22 | <SRL | U | 1 | 7.13 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.85 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.85 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70758 | | | | 250234-70759 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70760 | | | | 250234-70761 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.37 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Propene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.37 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.91 | <SRL | U | 1 | 6.83 | 5.00 |
| Methanol | <SRL | U | 1 | 6.91 | <SRL | U | 1 | 6.83 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.73 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.37 | 1.00 |
| Acetone | 3.39 | | 1 | 2.76 | 3.81 | | 1 | 2.73 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.73 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.37 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.37 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.37 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.73 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.37 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70760 | | | | 250234-70761 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.37 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.37 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.37 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.37 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 105% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



7225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-T2 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70762 | | | | 250234-70763 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 6.94 | 5.00 |
| Methanol | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 6.94 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.78 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Acetone | <SRL | U | 1 | 2.83 | 3.08 | | 1 | 2.78 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.78 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.78 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70762 | | | | 250234-70763 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.39 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.69 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70764 | | | | 250234-70765 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.98 | <SRL | U | 1 | 7.02 | 5.00 |
| Methanol | <SRL | U | 1 | 6.98 | <SRL | U | 1 | 7.02 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.81 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.81 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70764 | | | | 250234-70765 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 104% | | | | 104% | | | 70-130% |

U - Compound was not detected at or above the SRL.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70766 | | | | 250234-70767 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.39 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.88 | <SRL | U | 1 | 6.96 | 5.00 |
| Methanol | <SRL | U | 1 | 6.88 | <SRL | U | 1 | 6.96 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.75 | <SRL | U | 1 | 2.79 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.39 | 1.00 |
| Acetone | <SRL | U | 1 | 2.75 | <SRL | U | 1 | 2.79 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.75 | <SRL | U | 1 | 2.79 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.39 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.39 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.39 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.75 | <SRL | U | 1 | 2.79 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.39 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |



7225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70766 | | | | 250234-70767 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.39 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.39 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.39 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.39 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 105% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70768 | | | | 250234-70769 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 6.99 | 5.00 |
| Methanol | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 6.99 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.80 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.80 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70768 | | | | 250234-70769 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70770 | | | | 250234-70771 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.37 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.87 | <SRL | U | 1 | 7.04 | 5.00 |
| Methanol | <SRL | U | 1 | 6.87 | <SRL | U | 1 | 7.04 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | 3.32 | | 1 | 2.75 | <SRL | U | 1 | 2.81 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | <SRL | U | 1 | 2.75 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.75 | <SRL | U | 1 | 2.81 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.75 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |



7225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250234-70770 | | | | 250234-70771 | | | | |
| *Date Sampled* | 01/30/2025 | | | | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.37 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.41 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| ß-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250234-70772 | | | | |
| *Date Sampled* | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.98 | 5.00 |
| Methanol | <SRL | U | 1 | 6.98 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.79 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | <SRL | U | 1 | 2.79 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.79 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.79 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | 0.50 |



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250234
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/30/2025
DATE REPORTED : 02/04/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250234-70772 | | | | |
| *Date Sampled* | 01/30/2025 | | | | |
| *Date Analyzed* | 02/03/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 104% | | | 70-130% |

U - Compound was not detected at or above the SRL.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Dimethyl Sulfide via TO's*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250234**
**MATRIX : AIR**

**DATE RECEIVED : 01/30/2025**
**DATE REPORTED : 02/04/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250234-70756 | 01/30/2025 | 02/03/2025 | <SRL | 1.38 | 1.0 | 104% |
| MS-07 | 250234-70757 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 100% |
| MS-08 | 250234-70758 | 01/30/2025 | 02/03/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-09 | 250234-70759 | 01/30/2025 | 02/03/2025 | <SRL | 1.43 | 1.0 | 101% |
| MS-10 | 250234-70760 | 01/30/2025 | 02/03/2025 | <SRL | 1.38 | 1.0 | 105% |
| MS-11 | 250234-70761 | 01/30/2025 | 02/03/2025 | <SRL | 1.37 | 1.0 | 102% |
| MS-12 | 250234-70762 | 01/30/2025 | 02/03/2025 | <SRL | 1.42 | 1.0 | 102% |
| SCV | 250234-70763 | 01/30/2025 | 02/03/2025 | <SRL | 1.39 | 1.0 | 100% |
| Chiquito Cyn Rd | 250234-70764 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 104% |
| S End Lincoln | 250234-70765 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 104% |
| MS-01 | 250234-70766 | 01/30/2025 | 02/03/2025 | <SRL | 1.38 | 1.0 | 105% |
| MS-02 | 250234-70767 | 01/30/2025 | 02/03/2025 | <SRL | 1.39 | 1.0 | 102% |
| MS-03 | 250234-70768 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 102% |
| MS-04 | 250234-70769 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 102% |
| MS-05 | 250234-70770 | 01/30/2025 | 02/03/2025 | <SRL | 1.37 | 1.0 | 100% |
| Working Face | 250234-70771 | 01/30/2025 | 02/03/2025 | <SRL | 1.41 | 1.0 | 99% |
| Reaction | 250234-70772 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 104% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250234**
**MATRIX : AIR**

**DATE RECEIVED : 01/30/2025**
**DATE REPORTED : 02/04/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250234-70756 | 01/30/2025 | 02/03/2025 | <SRL | 1.38 | 1.0 | 104% |
| MS-07 | 250234-70757 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 100% |
| MS-08 | 250234-70758 | 01/30/2025 | 02/03/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-09 | 250234-70759 | 01/30/2025 | 02/03/2025 | <SRL | 1.43 | 1.0 | 101% |
| MS-10 | 250234-70760 | 01/30/2025 | 02/03/2025 | <SRL | 1.38 | 1.0 | 105% |
| MS-11 | 250234-70761 | 01/30/2025 | 02/03/2025 | <SRL | 1.37 | 1.0 | 102% |
| MS-12 | 250234-70762 | 01/30/2025 | 02/03/2025 | <SRL | 1.42 | 1.0 | 102% |
| SCV | 250234-70763 | 01/30/2025 | 02/03/2025 | <SRL | 1.39 | 1.0 | 100% |
| Chiquito Cyn Rd | 250234-70764 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 104% |
| S End Lincoln | 250234-70765 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 104% |
| MS-01 | 250234-70766 | 01/30/2025 | 02/03/2025 | <SRL | 1.38 | 1.0 | 105% |
| MS-02 | 250234-70767 | 01/30/2025 | 02/03/2025 | <SRL | 1.39 | 1.0 | 102% |
| MS-03 | 250234-70768 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 102% |
| MS-04 | 250234-70769 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 102% |
| MS-05 | 250234-70770 | 01/30/2025 | 02/03/2025 | <SRL | 1.37 | 1.0 | 100% |
| Working Face | 250234-70771 | 01/30/2025 | 02/03/2025 | <SRL | 1.41 | 1.0 | 99% |
| Reaction | 250234-70772 | 01/30/2025 | 02/03/2025 | <SRL | 1.40 | 1.0 | 104% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



1225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/03/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/24/2025 Calibration

| *Analyte Compounds* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.53 | 101 |
| Chlorodifluoromethane | 10.20 | 7.60 | 75 |
| Propene | 10.70 | 7.60 | 71 |
| Dichlorodifluoromethane | 10.40 | 9.68 | 93 |
| Dimethyl Ether | 10.10 | 7.28 | 72 |
| Chloromethane | 10.50 | 7.44 | 71 |
| Dichlorotetrafluoroethane | 10.20 | 10.17 | 100 |
| Vinyl Chloride | 10.60 | 8.82 | 83 |
| Acetaldehyde | 20.90 | 15.13 | 72 |
| Methanol | 20.40 | 14.53 | 71 |
| 1,3-Butadiene | 10.70 | 8.20 | 77 |
| Bromomethane | 10.40 | 10.02 | 96 |
| Chloroethane | 10.40 | 9.06 | 87 |
| Dichlorofluoromethane | 10.10 | 8.95 | 89 |
| Ethanol | 11.40 | 8.01 | 70 |
| Vinyl Bromide | 10.10 | 9.45 | 94 |
| Acrolein | 10.90 | 8.66 | 79 |
| Acetone | 10.60 | 8.27 | 78 |
| Trichlorofluoromethane | 10.50 | 9.81 | 93 |
| 2-Propanol (IPA) | 11.00 | 8.05 | 73 |
| Acrylonitrile | 11.10 | 9.16 | 83 |
| 1,1-Dichloroethene | 10.50 | 10.28 | 98 |
| Methylene Chloride (DCM) | 10.40 | 9.90 | 95 |
| TertButanol (TBA) | 11.20 | 9.25 | 83 |
| Allyl Chloride | 10.20 | 7.39 | 72 |
| Carbon Disulfide | 10.50 | 9.25 | 88 |
| Trichlorotrifluoroethane | 10.30 | 9.49 | 92 |
| trans-1,2-Dichloroethene | 10.80 | 10.50 | 97 |
| 1,1-Dichloroethane | 10.70 | 9.44 | 88 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.13 | 95 |
| Vinyl Acetate | 11.00 | 8.39 | 76 |
| 2-Butanone (MEK) | 10.70 | 9.81 | 92 |
| cis-1,2-Dichloroethene | 10.70 | 10.40 | 97 |
| Hexane | 10.80 | 9.62 | 89 |
| Chloroform | 10.70 | 10.18 | 95 |
| Ethyl Acetate | 10.70 | 8.21 | 77 |
| Tetrahydrofuran | 10.40 | 9.50 | 91 |
| 1,2-Dichloroethane | 10.60 | 8.99 | 85 |
| 1,1,1-Trichloroethane | 10.50 | 9.93 | 95 |
| Benzene | 10.70 | 9.42 | 88 |
| Carbon Tetrachloride | 10.30 | 9.80 | 95 |
| Cyclohexane | 10.50 | 9.28 | 88 |

| *Analyte Compounds (Continued)* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 9.33 | 87 |
| Bromodichloromethane | 10.50 | 9.72 | 93 |
| 1,4-Dioxane | 10.50 | 9.58 | 91 |
| Trichloroethene (TCE) | 10.50 | 9.77 | 93 |
| 2,2,4-Trimethylpentane | 10.10 | 8.31 | 82 |
| Methyl Methacrylate | 11.00 | 9.97 | 91 |
| Heptane | 10.50 | 9.78 | 93 |
| cis-1,3-Dichloropropene | 10.50 | 9.77 | 93 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 8.46 | 81 |
| trans-1,3-Dichloropropene | 10.60 | 9.48 | 89 |
| 1,1,2-Trichloroethane | 10.60 | 10.30 | 97 |
| Toluene | 10.80 | 9.64 | 89 |
| 2-Hexanone (MBK) | 10.50 | 8.76 | 83 |
| Dibromochloromethane | 10.60 | 10.58 | 100 |
| 1,2-Dibromoethane | 10.60 | 10.79 | 102 |
| Tetrachloroethene (PCE) | 10.50 | 9.93 | 95 |
| Chlorobenzene | 10.80 | 10.67 | 99 |
| Ethylbenzene | 10.60 | 9.42 | 89 |
| m & p-Xylene | 21.20 | 17.54 | 83 |
| Bromoform | 10.60 | 9.37 | 88 |
| Styrene | 10.60 | 10.35 | 98 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.66 | 91 |
| o-Xylene | 10.60 | 9.22 | 87 |
| 1,2,3-Trichloropropane | 11.00 | 10.32 | 94 |
| Isopropylbenzene (Cumene) | 10.40 | 9.79 | 94 |
| α-Pinene | 10.80 | 9.31 | 86 |
| 2-Chlorotoluene | 10.30 | 9.74 | 95 |
| n-Propylbenzene | 10.10 | 9.49 | 94 |
| 4-Ethyltoluene | 10.40 | 9.49 | 91 |
| 1,3,5-Trimethylbenzene | 10.30 | 9.23 | 90 |
| β-Pinene | 10.90 | 10.16 | 93 |
| 1,2,4-Trimethylbenzene | 10.30 | 9.78 | 95 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.17 | 89 |
| 1,3-Dichlorobenzene | 10.30 | 9.89 | 96 |
| 1,4-Dichlorobenzene | 10.20 | 9.90 | 97 |
| Sec-ButylBenzene | 10.00 | 9.11 | 91 |
| 1,2-Dichlorobenzene | 10.40 | 9.89 | 95 |
| n-ButylBenzene | 10.20 | 9.43 | 92 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 9.49 | 94 |
| 1,2,4-Trichlorobenzene | 10.50 | 9.98 | 95 |
| Naphthalene | 10.90 | 10.41 | 96 |
| Hexachlorobutadiene | 10.80 | 9.63 | 89 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



1225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/03/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS [1] Recovery* | *LCSD [1] Recovery* | *LCS [1] % Recovery [2]* | *LCSD [1] % Recovery [2]* | *RPD [3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.53 | 9.86 | 101 | 105 | 3.4 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.28 | 10.17 | 98 | 97 | 1.1 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 9.90 | 9.77 | 95 | 94 | 1.3 |
| Benzene | 0.0 | 10.70 | 9.42 | 9.43 | 88 | 88 | 0.1 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 9.77 | 9.92 | 93 | 94 | 1.5 |
| Toluene | 0.0 | 10.80 | 9.64 | 9.74 | 89 | 90 | 1.0 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 9.93 | 10.10 | 95 | 96 | 1.7 |
| Chlorobenzene | 0.0 | 10.80 | 10.67 | 10.64 | 99 | 99 | 0.3 |
| Ethylbenzene | 0.0 | 10.60 | 9.42 | 9.48 | 89 | 89 | 0.6 |
| m & p-Xylene | 0.0 | 21.20 | 17.54 | 17.86 | 83 | 84 | 1.8 |
| o-Xylene | 0.0 | 10.60 | 9.22 | 9.49 | 87 | 90 | 2.9 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/03/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 020325* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 100% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 020325* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/03/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x5000

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250235-70790

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.89 | 9.98 | 0.9 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | 9750 | 10400 | 6.0 |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol | <SRL | <SRL | |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | 54400 | 57000 | 4.7 |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone | <SRL | <SRL | |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | 15000 | 15900 | 6.2 |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | 8200 | 7800 | 5.0 |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | 9600 | 9550 | 0.5 |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250234

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 70756 | 1/30/25 | ~~1/29/25~~ | 1235 | summa 1 | X | | | | |
| MS-07 70757 | | | 1415 | | X | | | | |
| MS-08 70758 | | | 1440 | | X | | | | |
| MS-09 70759 | | | 1450 | | X | | | | |
| MS-10 70760 | | | 1203 | | X | | | | |
| MS-11 70761 | | | 1220 | | X | | | | |
| MS-12 70762 | | | 1434 | | X | | | | |
| SCV 70763 | | | 1154 | | X | | | | |
| Chiquito Cyn Rd 70764 | | | 1422 | | X | | | | |
| S. End Lincoln 70765 | | | 1429 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID: ____
Initials: ____
Returned Equip
Total cans: ____
Unused cans: ____
Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1/30/25 ~~1/29/25~~ Time | **Received By** Print: Signature: | Date 1/30/25 Time 1526 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |



0 to - 17x cans

250234

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS |
|---|---|---|---|---|---|
| MS-01 | 70766 | 1/30/25 | 1320 | summa 1 | X |
| MS-02 | 70767 | | 1258 | | X |
| MS-03 | 70768 | | 1246 | | X |
| MS-04 | 70769 | | 1331 | | X |
| MS-05 | 70770 | | 1308 | | X |
| Working Face | 70771 | | 1341 | | X |
| Reaction | 70772 | | 1355 | | X |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**LAB USE ONLY**

Lab ID

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other

Temperature: ____ °C

Thermometer ID: ____

Initials: ____

Returned Equip.

Total cans: ____

Unused cans: ____

Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | |
|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-30-25 Time | **Received By** Print: Signature: |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: |

Date 1/30/25 Time 1526

Date Time

AAC COC Rev 3

Issued 02/04/2021

250234

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|
| MS-06 | 70773 | 1/30/25 ~~1-27-25~~ | 1235 | tedlar 1 | X | |
| MS-07 | 70774 | | 1415 | | X | |
| MS-08 | 70775 | | 1440 | | X | |
| MS-09 | 70776 | | 1450 | | X | |
| MS-10 | 70777 | | 1203 | | X | |
| MS-11 | 70778 | | 1220 | | X | |
| MS-12 | 70779 | | 1434 | | X | |
| SCV | 70780 | | 1154 | | X | |
| Chiquito Cyn Rd | 70781 | | 1422 | | X | |
| S. End Lincoln | 70782 | | 1429 | | X | |
| | | | | | | |
| | | | | | | |

LAB USE ONLY:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID
Initials
Returned Cont.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

| | | | |
|---|---|---|---|
| Relinquished By Print: Nathaniel Davalos Signature: ND | Date 1/30/25 ~~1-27-25~~ Time | Received By Print: H Signature: | Date 1/30/25 Time 1526 |
| Relinquished By Print: Signature: | Date Time | Received By Print: Signature: | Date Time |

250234

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Lab ID | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR |
|---|---|---|---|---|---|---|
| MS-01 | 70783 | 1/30/25 | ~~1/27/25~~ | 1320 | tedlar 1 | X |
| MS-02 | 70784 | | | 1258 | | X |
| MS-03 | 70785 | | | 1246 | | X |
| MS-04 | 70786 | | | 1331 | | X |
| MS-05 | 70787 | | | 1308 | | X |
| Working Face | 70788 | | | 1341 | | X |
| Reaction | 70789 | | | 1355 | | X |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature: °C
Thermometer ID
Initials
~~Returned Equip~~
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1/30/25 ~~1/27/25~~ Time | **Received By** Print: Signature: | Date 1/30/25 Time 1526 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

| | | |
|---|---|---|
| CLIENT | : | SCS Engineers |
| PROJECT NAME | : | Chiquita |
| PROJECT NUMBER | : | 01204123.21 TASK 22 |
| AAC PROJECT NO. | : | 250234 |
| REPORT DATE | : | 02/03/2025 |

On January 30th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250234-70773 | S. End Lincoln | 250234-70782 |
| MS-07 | 250234-70774 | MS-01 | 250234-70783 |
| MS-08 | 250234-70775 | MS-02 | 250234-70784 |
| MS-09 | 250234-70776 | MS-03 | 250234-70785 |
| MS-10 | 250234-70777 | MS-04 | 250234-70786 |
| MS-11 | 250234-70778 | MS-05 | 250234-70787 |
| MS-12 | 250234-70779 | Working Face | 250234-70788 |
| SCV | 250234-70780 | Reaction | 250234-70789 |
| Chiquito Cyn Rd | 250234-70781 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250234**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/30/2025**
**RECEIVING DATE : 01/30/2025**
**ANALYSIS DATE : 01/30-31/2025**
**REPORT DATE : 02/03/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250234-70773 | 250234-70774 | 250234-70775 | 250234-70776 | 250234-70777 | 250234-70778 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250234**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/30/2025**
**RECEIVING DATE : 01/30/2025**
**ANALYSIS DATE : 01/30-31/2025**
**REPORT DATE : 02/03/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250234-70779 | 250234-70780 | 250234-70781 | 250234-70782 | 250234-70783 | 250234-70784 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250234**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/30/2025**
**RECEIVING DATE : 01/30/2025**
**ANALYSIS DATE : 01/31/2025**
**REPORT DATE : 02/03/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250234-70785 | 250234-70786 | 250234-70787 | 250234-70788 | 250234-70789 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/30/2025**
**Analyst: NR/DM**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 01/04/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 29663 | 489 | 98.9 | 0.4 |
| Duplicate | 30013 | 495 | 100.1 | 0.8 |
| Triplicate | 29687 | 489 | 99.0 | 0.3 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 26867 | 486 | 95.7 | 3.1 |
| Duplicate | 27965 | 506 | 99.6 | 0.9 |
| Triplicate | 28347 | 513 | 101.0 | 2.2 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 31880 | 482 | 100.3 | 2.5 |
| Duplicate | 32926 | 498 | 103.6 | 0.7 |
| Triplicate | 33308 | 503 | 104.8 | 1.8 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 264.1 | 266.9 | 106.9 | 108.0 | 1.0 |
| MeSH | <PQL | 253.8 | 257.2 | 262.5 | 101.4 | 103.5 | 2.1 |
| DMS | <PQL | 240.3 | 246.4 | 252.9 | 102.6 | 105.2 | 2.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 534.1 | 108.1 |
| MeSH | 507.5 | 532.9 | 105.0 |
| DMS | 480.5 | 526.7 | 109.6 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/30/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7021 | 0.493 | 99.9 | 1.7 |
| Duplicate | 7360 | 0.517 | 104.7 | 3.1 |
| Triplicate | 7040 | 0.495 | 100.2 | 1.4 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 5936 | 0.495 | 97.6 | 1.4 |
| Duplicate | 6091 | 0.508 | 100.1 | 1.2 |
| Triplicate | 6033 | 0.503 | 99.2 | 0.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8202 | 0.479 | 99.6 | 0.4 |
| Duplicate | 8200 | 0.479 | 99.6 | 0.3 |
| Triplicate | 8115 | 0.474 | 98.6 | 0.7 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.250 | 0.245 | 101.2 | 99.2 | 2.0 |
| MeSH | <PQL | 0.254 | 0.253 | 0.243 | 99.7 | 95.8 | 4.0 |
| DMS | <PQL | 0.240 | 0.229 | 0.224 | 95.3 | 93.2 | 2.2 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.505 | 102.2 |
| MeSH | 0.508 | 0.540 | 106.4 |
| DMS | 0.481 | 0.438 | 91.2 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/31/2025**
**Analyst: NR/DM**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 01/04/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 29756 | 490 | 99.2 | 1.4 |
| Duplicate | 30216 | 498 | 100.8 | 0.1 |
| Triplicate | 30548 | 503 | 101.9 | 1.2 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 27760 | 502 | 98.9 | 0.7 |
| Duplicate | 27846 | 503 | 99.2 | 0.4 |
| Triplicate | 28280 | 511 | 100.8 | 1.1 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 32784 | 495 | 103.1 | 0.6 |
| Duplicate | 32912 | 497 | 103.5 | 0.3 |
| Triplicate | 33291 | 503 | 104.7 | 0.9 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250234-70782**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250234-70782 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 256.4 | 254.2 | 103.8 | 102.9 | 0.8 |
| MeSH | <PQL | 253.8 | 255.1 | 255.7 | 100.5 | 100.8 | 0.2 |
| DMS | <PQL | 240.3 | 259.2 | 264.1 | 107.9 | 109.9 | 1.8 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 513.5 | 103.9 |
| MeSH | 507.5 | 470.9 | 92.8 |
| DMS | 480.5 | 463.6 | 96.5 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/31/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7006 | 0.492 | 99.7 | 0.8 |
| Duplicate | 7064 | 0.496 | 100.5 | 0.0 |
| Triplicate | 7111 | 0.500 | 101.2 | 0.7 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6378 | 0.532 | 104.8 | 0.4 |
| Duplicate | 6331 | 0.528 | 104.0 | 0.4 |
| Triplicate | 6350 | 0.530 | 104.4 | 0.0 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7880 | 0.460 | 95.7 | 0.3 |
| Duplicate | 7862 | 0.459 | 95.5 | 0.5 |
| Triplicate | 7964 | 0.465 | 96.7 | 0.8 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250234-70783**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250234-70783 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.253 | 0.241 | 102.4 | 97.6 | 4.9 |
| MeSH | <PQL | 0.254 | 0.265 | 0.266 | 104.4 | 104.8 | 0.4 |
| DMS | <PQL | 0.240 | 0.236 | 0.230 | 98.2 | 95.7 | 2.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.508 | 102.8 |
| MeSH | 0.508 | 0.527 | 103.8 |
| DMS | 0.481 | 0.444 | 92.4 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250234

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h
- ☐ Same Day
- ☐ Rush 48 h
- ☐ 5 Days
- ☒ Rush 72 h
- ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | Lab ID |
|---|---|---|---|---|---|---|
| MS-06 70773 | 1/30/25 | ~~1-27-25~~ | 1235 | tedlar 1 | X | |
| MS-07 70774 | | | 1415 | | X | |
| MS-08 70775 | | | 1440 | | X | |
| MS-09 70776 | | | 1450 | | X | |
| MS-10 70777 | | | 1203 | | X | |
| MS-11 70778 | | | 1220 | | X | |
| MS-12 70779 | | | 1434 | | X | |
| SCV 70780 | | | 1154 | | X | |
| Chiquito Cyn Rd 70781 | | | 1422 | | X | |
| S. End Lincoln 70782 | | | 1429 | | X | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
- ☐ FedEx
- ☐ UPS
- ☐ Courier
- ☐ Other

Temperature: °C
Thermometer ID
Initials
Returned Cont
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
- ☐ Yes
- ☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1/30/25 ~~1-27-25~~ Time | **Received By** Print: Signature: | Date 1/30/25 Time 1526 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250234

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 70783 | 1/30/25 | ~~1/27/25~~ | 1320 | tedlar 1 | X | | | | |
| MS-02 | 70784 | | | 1258 | | X | | | | |
| MS-03 | 70785 | | | 1246 | | X | | | | |
| MS-04 | 70786 | | | 1331 | | X | | | | |
| MS-05 | 70787 | | | 1308 | | X | | | | |
| Working Face | 70788 | | | 1341 | | X | | | | |
| Reaction | 70789 | | | 1355 | | X | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Returned Cont:
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1/30/25 ~~1/27/25~~ Time | **Received By** Print: Signature: | Date 1/30/25 Time 1526 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250234

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 70756 | 1/30/25 | 1235 | summa 1 | X | | | | | |
| MS-07 | 70757 | | 1415 | | X | | | | | |
| MS-08 | 70758 | | 1440 | | X | | | | | |
| MS-09 | 70759 | | 1450 | | X | | | | | |
| MS-10 | 70760 | | 1203 | | X | | | | | |
| MS-11 | 70761 | | 1220 | | X | | | | | |
| MS-12 | 70762 | | 1434 | | X | | | | | |
| SCV | 70763 | | 1154 | | X | | | | | |
| Chiquito Cyn Rd | 70764 | | 1422 | | X | | | | | |
| S. End Lincoln | 70765 | | 1429 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY
- Sample Received via:
  - ☐ FedEx
  - ☐ UPS
  - ☐ Courier
  - ☐ Other
- Temperature: ____ °C
- Thermometer ID: ____
- Initials: ____
- Returned Equip:
- Total cans: ____
- Unused cans: ____
- Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | | |
|---|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1/30/25 Time 1729 | **Received By** Print: Signature: | Date 1/30/25 Time 1526 | |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time | |



Dlo - 17f cans

250234

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 70766 | 1/30/25 | ~~1/27/25~~ | 1320 | summa 1 | X | | | | | |
| MS-02 70767 | | | 1258 | | X | | | | | |
| MS-03 70768 | | | 1246 | | X | | | | | |
| MS-04 70769 | | | 1331 | | X | | | | | |
| MS-05 70770 | | | 1308 | | X | | | | | |
| Working Face 70771 | | | 1341 | | X | | | | | |
| Reaction 70772 | | | 1355 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY
- Sample Received via:
  - ☐ FedEx
  - ☐ UPS
  - ☐ Courier
  - ☐ Other
- Temperature: °C
- Thermometer ID
- Initials
- Returned Equip.
- Total cans:
- Unused cans:
- Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY Notes:**

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 1-30-25 Time | **Received By** Print: Signature: | Date 1/30/25 Time 1526 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

# ATTACHMENT B

# ODOR SAMPLE DATA

# Odor Samples January 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 1/1/2025 | 12:05 | vegetation | 1/3/2024 | 12:33 PM | 1486.705 | Vegetative |
| | MS-02 | 1/1/2025 | 12:43 | vegetation | 1/3/2024 | 1:13 PM | 1768 | Rubber |
| | MS-03 | 1/1/2025 | 11:35 | vegetation | 1/3/2024 | 9:00 AM | 1250.165 | Vegetative, Stale |
| | MS-04 | 1/1/2025 | 12:16 | vegetation | 1/3/2024 | 12:47 PM | 1768 | Paint, Strong |
| | MS-05 | 1/1/2025 | 11:56 | vegetation | 1/3/2024 | 9:30 AM | 1486.705 | Stale, Plastic |
| | Working/Active | 1/1/2025 | 11:17 | trash | 1/3/2024 | 11:40 AM | 884 | Rubber, Fresh |
| | Reaction | 1/1/2025 | 12:24 | leachate | 1/3/2024 | 10:30 AM | 7071 | Not Offensive, Excremate |
| Off-Site | MS-06 | 1/1/2025 | 11:28 | vegetation | 1/3/2024 | 11:05 AM | 1339 | |
| | MS-07 | 1/1/2025 | 13:02 | leachate | 1/3/2024 | 10:00 AM | 1768 | Clean, Sweet |
| | MS-08 | 1/1/2025 | 13:29 | vegetation | 1/3/2024 | 10:15 AM | 1768 | Sweet, Candy |
| | MS-09 | 1/1/2025 | 13:42 | vegetation | 1/3/2024 | 12:19 PM | 2227 | Vegetative |
| | MS-10 | 1/1/2025 | 10:53 | vegetation | 1/3/2024 | 10:50 AM | 2030 | |
| | MS-11 | 1/1/2025 | 11:06 | vegetation | 1/3/2024 | 9:45 AM | <156 | Clean, Fresh |
| | MS-12 | 1/1/2025 | 13:29 | vegetation | 1/3/2024 | 1:00 PM | 1768 | Rotten Food |
| | SCV | 1/1/2025 | 10:45 | vegetation | 1/3/2024 | 11:53 AM | 1166 | Clean, Fresh |
| | Chiquito | 1/1/2025 | 13:10 | vegetation | 1/3/2024 | 12:06 PM | 1113 | Nothing, Fresh |
| | S End Lincoln | 1/1/2025 | 13:16 | vegetation | 1/3/2024 | 9:15 AM | 1539 | Fresh, Clean, Metallic |

# Odor Samples January 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 1/6/2025 | 13:04 | dirt | 1/7/2024 | 9:00 AM | 2500 | Sulfur, Pungent |
| | MS-02 | 1/6/2025 | 13:34 | dirt | 1/7/2024 | 10:00 AM | 2500 | Vegetative, Rancid |
| | MS-03 | 1/6/2025 | 12:33 | vegetation | 1/7/2024 | 12:00 PM | 2227 | Fresh, Clean |
| | MS-04 | 1/6/2025 | 13:17 | leachate | 1/7/2024 | 9:15 AM | 1768 | Vegetative |
| | MS-05 | 1/6/2025 | 12:55 | vegetation | 1/7/2024 | 12:20 PM | 1768 | Mechanical, Automotive, Lubricant |
| | Working/Active | 1/6/2025 | 12:45 | trash | 1/7/2024 | 9:50 AM | 1403 | Rubbery, Mild |
| | Reaction | 1/6/2025 | 13:25 | leachate | 1/7/2024 | 10:35 AM | 17817 | Sulfer, Rotten, Egg, Putrid |
| Off-Site | MS-06 | 1/6/2025 | 12:24 | vegetation | 1/7/2024 | 11:05 AM | 884 | Sweet, Pleasant, Faint |
| | MS-07 | 1/6/2025 | 13:46 | vegetation | 1/7/2024 | 11:25 AM | 1768 | Rubber, Plastic |
| | MS-08 | 1/6/2025 | 14:12 | vegetation | 1/7/2024 | 9:35 AM | 1768 | Naturally Pleasant |
| | MS-09 | 1/6/2025 | 14:21 | vegetation | 1/7/2024 | 10:10 AM | 2500 | Rubbery, Mechanical |
| | MS-10 | 1/6/2025 | 11:53 | vegetation | 1/7/2024 | 12:25 AM | 884 | Fresh, Rubber |
| | MS-11 | 1/6/2025 | 12:06 | vegetation | 1/7/2024 | 11:50 AM | 2806 | Vegetative, Grassy |
| | MS-12 | 1/6/2025 | 14:05 | vegetation | 1/7/2024 | 9:25 AM | 701 | Pleasant, Fresh |
| | SCV | 1/6/2025 | 11:47 | vegetation | 1/7/2024 | 11:35 AM | 1768 | Paint, Vegetative, Not Offensive |
| | Chiquito | 1/6/2025 | 13:53 | vegetation | 1/7/2024 | 11:15 AM | 1768 | Plastic, Sweet |
| | S End Lincoln | 1/6/2025 | 13:59 | vegetation | 1/7/2024 | 10:25 AM | 701 | Pleasant, Fresh |

# Odor Samples January 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 1/13/2025 | 13:04 | Vegetation | 1/14/2024 | 9:50 AM | 2500 | Rubbery, Fresh |
| | MS-02 | 1/13/2025 | 13:32 | Trash | 1/14/2024 | 11:50 AM | 1250 | Stinky, Offensivee |
| | MS-03 | 1/13/2025 | 12:28 | Vegetation | 1/14/2024 | 9:20 AM | <156 | Rotten Veg |
| | MS-04 | 1/13/2025 | 13:13 | Vegetation | 1/14/2024 | 9:40 AM | 1113 | Trash, Sweet |
| | MS-05 | 1/13/2025 | 12:54 | Vegetation | 1/14/2024 | 12:00 PM | 884 | Stinky, Vegetative |
| | Working/Active | 1/13/2025 | 12:43 | Trash | 1/14/2024 | 9:10 AM | 884 | Rubbery |
| | Reaction | 1/13/2025 | 13:20 | Leachate | 1/14/2024 | 10:40 AM | 3535 | Stinky, Pungent, Offensive |
| Off-Site | MS-06 | 1/13/2025 | 12:20 | Vegetation | 1/14/2024 | 10:10 AM | 2500 | Rubbery, Fresh |
| | MS-07 | 1/13/2025 | 13:41 | Vegetation | 1/14/2024 | 11:22 AM | 1768 | Stinky, Pungent, Ripe |
| | MS-08 | 1/13/2025 | 14:04 | Vegetation | 1/14/2024 | 11:30 AM | 1113 | |
| | MS-09 | 1/13/2025 | 14:13 | Vegetation | 1/14/2024 | 9:30 AM | 884 | Rubbery, Fresh |
| | MS-10 | 1/13/2025 | 11:48 | Vegetation | 1/14/2024 | 10:30 AM | 1250 | Sweet, Fresh |
| | MS-11 | 1/13/2025 | 12:03 | Vegetation | 1/14/2024 | 10:20 AM | 1768 | Stinky, Offensivee |
| | MS-12 | 1/13/2025 | 13:59 | Vegetation | 1/14/2024 | 9:00 AM | 1250 | Trash, Waste |
| | SCV | 1/13/2025 | 11:42 | Vegetation | 1/14/2024 | 10:55 AM | 1051 | Sweet |
| | Chiquito | 1/13/2025 | 13:47 | Leachate | 1/14/2024 | 10:00 AM | 1250 | Sweet, Fresh |
| | S End Lincoln | 1/13/2025 | 13:54 | Vegetation | 1/14/2024 | 11:40 AM | 1250 | Mechanical |

# Odor Samples January 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 1/19/2025 | 12:59 | vegetation | 1/20/2025 | 10:25 AM | 1486 | Mechanical, Lubricant |
| | MS-02 | 1/19/2025 | 12:33 | vegetation | 1/20/2025 | 9:00 AM | 1768 | Mechanical |
| | MS-03 | 1/19/2025 | 12:26 | vegetation | 1/20/2025 | 9:45 AM | 2102 | Stale, Plastic, Paint Thinner |
| | MS-04 | 1/19/2025 | 13:08 | vegetation | 1/20/2025 | 9:15 AM | 1768 | Vegetative Stale |
| | MS-05 | 1/19/2025 | 12:50 | vegetation | 1/20/2025 | 12:40 PM | 884 | Stinky Vegetative |
| | Working/Active | 1/19/2025 | 12:41 | trash | 1/20/2025 | 12:10 PM | 10718 | Vegetative Stale |
| | Reaction | 1/19/2025 | 13:14 | leachate | 1/20/2025 | 10:40 AM | 5000 | Pungent, Trash, Waste, Vegetative |
| Off-Site | MS-06 | 1/19/2025 | 12:16 | vegetation | 1/20/2025 | 11:55 AM | 1015 | Vegetative |
| | MS-07 | 1/19/2025 | 13:26 | vegetation | 1/20/2025 | 1:10 PM | 1113 | Fresh, Earthy |
| | MS-08 | 1/19/2025 | 13:53 | vegetation | 1/20/2025 | 11:10 AM | 1250 | Clean, Fresh |
| | MS-09 | 1/19/2025 | 14:04 | vegetation | 1/20/2025 | 11:25 AM | 743 | Fresh, Sweet, Cookies |
| | MS-10 | 1/19/2025 | 11:47 | vegetation | 1/20/2025 | 9:30 AM | 1768 | Paint |
| | MS-11 | 1/19/2025 | 11:58 | vegetation | 1/20/2025 | 12:55 PM | 1015 | Fresh |
| | MS-12 | 1/19/2025 | 13:47 | vegetation | 1/20/2025 | 12:25 PM | 884 | Fresh, Pleasant |
| | SCV | 1/19/2025 | 11:38 | gasoline/vegetation | 1/20/2025 | 10:10 AM | 884 | Paint, Asphalt |
| | Chiquito | 1/19/2025 | 13:33 | vegetation | 1/20/2025 | 10:00 AM | 884 | Vegetative |
| | S End Lincoln | 1/19/2025 | 13:40 | vegetation | 1/20/2025 | 11:40 AM | 1015 | Fresh |

# Odor Samples January 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 1/30/2025 | 13:02 | Dirt | 1/31/2025 | 9:10 AM | 625 | Clean |
| | MS-02 | 1/30/2025 | 12:58 | Leachate | 1/31/2025 | 11:50 AM | 1250 | Pungent, Rotten |
| | MS-03 | 1/30/2025 | 12:46 | Vegetation | 1/31/2025 | 9:30 AM | 884 | Vegetative |
| | MS-04 | 1/30/2025 | 13:31 | Leachate | 1/31/2025 | 10:10 AM | 1768 | Naturally Offensive, Vegetative |
| | MS-05 | 1/30/2025 | 13:08 | Vegetation | 1/31/2025 | 9:45 AM | 3536 | |
| | Working/Active | 1/30/2025 | 13:41 | Trash | 1/31/2025 | 10:55 AM | 884 | Clean, Fresh, Sunblock |
| | Reaction | 1/30/2025 | 13:55 | Leachate | 1/31/2025 | 9:55 AM | 3536 | Vegetative, Clean |
| Off-Site | MS-06 | 1/30/2025 | 12:35 | Vegetation | 1/31/2025 | 10:30 AM | 701 | Paint, Chemical |
| | MS-07 | 1/30/2025 | 14:15 | Vegetation | 1/31/2025 | 11:40 AM | 1403 | Rubber, Mechanical |
| | MS-08 | 1/30/2025 | 14:40 | Vegetation | 1/31/2025 | 9:00 AM | 2227 | Fresh |
| | MS-09 | 1/30/2025 | 14:50 | Vegetation | 1/31/2025 | 9:20 AM | 625 | Clean |
| | MS-10 | 1/30/2025 | 12:03 | Vegetation | 1/31/2025 | 12:00 PM | 1768 | Vegetative, Fruit, Sweet, Candy |
| | MS-11 | 1/30/2025 | 12:20 | Vegetation | 1/31/2025 | 11:15 AM | 2102 | Vegetative |
| | MS-12 | 1/30/2025 | 14:34 | Vegetation | 1/31/2025 | 11:30 AM | 2806 | Paint, Oil |
| | SCV | 1/30/2025 | 11:54 | Vegetation | 1/31/2025 | 10:40 AM | 2227 | Vegetative |
| | Chiquito | 1/30/2025 | 14:22 | Vegetation | 1/31/2025 | 11:05 AM | 884 | Rubbery, Plastic |
| | S End Lincoln | 1/30/2025 | 14:24 | Vegetation | 1/31/2025 | 10:20 AM | 1768 | Asphalt, Pavement |

# ATTACHMENT C

# WEEKLY 24-HR SAMPLE LABORATORY ANALYTICAL DATA

Atmospheric Analysis & Consulting, Inc.

| | | |
|---|---|---|
| CLIENT | : | SCS Engineers |
| PROJECT NAME | : | Chiquita Canyon Landfill Air/Odor Sampling |
| AAC PROJECT NO. | : | 250007 |
| REPORT DATE | : | 01/07/2024 |

On January 3, 2025, Atmospheric Analysis & Consulting, Inc. received six (6) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-12 | 250007-69405 | 712.5 |
| MS-08 | 250007-69406 | 759.5 |
| MS-09 | 250007-69407 | 619.5 |
| MS-10 | 250007-69408 | 573.0 |
| MS-06 | 250007-69409 | 485.0 |
| MS-11 | 250007-69410 | 493.0 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 14 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250007
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/03/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250007-69405 | | | | 250007-69406 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.34 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.34 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | 0.73 | | 1 | 0.67 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 6.68 | 5.00 |
| Methanol | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 6.68 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethanol | 390 | | 5 | 14.3 | 11.3 | | 1 | 2.67 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.34 | 1.00 |
| Acetone | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.67 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.67 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.34 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.34 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.34 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.67 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.34 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250007
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/03/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250007-69405 | | | | 250007-69406 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.34 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.34 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.34 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.34 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | 1.15 | | 1 | 0.67 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| ß-Pinene | <SRL | U | 1 | 0.72 | 1.28 | | 1 | 0.67 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.67 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250007
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/03/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250007-69407 | | | | 250007-69408 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Can Dilution Factor* | 1.64 | | | | 1.78 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Propene | <SRL | U | 1 | 1.64 | <SRL | U | 1 | 1.78 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 8.20 | <SRL | U | 1 | 8.88 | 5.00 |
| Methanol | <SRL | U | 1 | 8.20 | <SRL | U | 1 | 8.88 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.28 | 7.55 | | 1 | 3.55 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.64 | <SRL | U | 1 | 1.78 | 1.00 |
| Acetone | 4.46 | | 1 | 3.28 | <SRL | U | 1 | 3.55 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.28 | <SRL | U | 1 | 3.55 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.64 | <SRL | U | 1 | 1.78 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.64 | <SRL | U | 1 | 1.78 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.64 | <SRL | U | 1 | 1.78 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.28 | <SRL | U | 1 | 3.55 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.64 | <SRL | U | 1 | 1.78 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Hexane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Benzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250007
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/03/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250007-69407 | | | | 250007-69408 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Can Dilution Factor* | 1.64 | | | | 1.78 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.64 | <SRL | U | 1 | 1.78 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Heptane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Toluene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.64 | <SRL | U | 1 | 1.78 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.64 | <SRL | U | 1 | 1.78 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Styrene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.82 | <SRL | U | 1 | 0.89 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250007
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/03/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250007-69409 | | | | 250007-69410 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Can Dilution Factor* | 2.10 | | | | 2.06 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Propene | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 2.06 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 10.5 | <SRL | U | 1 | 10.3 | 5.00 |
| Methanol | <SRL | U | 1 | 10.5 | <SRL | U | 1 | 10.3 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Ethanol | 4.29 | | 1 | 4.21 | 12.2 | | 1 | 4.12 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 2.06 | 1.00 |
| Acetone | <SRL | U | 1 | 4.21 | <SRL | U | 1 | 4.12 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.21 | <SRL | U | 1 | 4.12 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 2.06 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 2.06 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 2.06 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.21 | <SRL | U | 1 | 4.12 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 2.06 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Hexane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Benzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250007
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/03/2025
DATE REPORTED : 01/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250007-69409 | | | | 250007-69410 | | | | |
| *Date Sampled* | 01/02/2025 | | | | 01/02/2025 | | | | |
| *Date Analyzed* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Can Dilution Factor* | 2.10 | | | | 2.06 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 2.06 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Heptane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Toluene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 2.06 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 2.06 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Styrene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 1.03 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

*Laboratory Analysis Report*
*LIMONENE ANALYSIS VIA TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250007**
**MATRIX : AIR**

**DATE RECEIVED : 01/03/2025**
**DATE REPORTED : 01/07/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF's) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-12 | 250007-69405 | 01/02/2025 | 01/06/2025 | 0.43 | 1.43 | 1.0 | 0.72 | 0.5 | 102% |
| MS-08 | 250007-69406 | 01/02/2025 | 01/06/2025 | 19.0 | 1.34 | 1.0 | 0.67 | 0.5 | 95% |
| MS-09 | 250007-69407 | 01/02/2025 | 01/06/2025 | <SRL | 1.64 | 1.0 | 0.82 | 0.5 | 98% |
| MS-10 | 250007-69408 | 01/02/2025 | 01/06/2025 | 10.5 | 1.78 | 1.0 | 0.89 | 0.5 | 95% |
| MS-06 | 250007-69409 | 01/02/2025 | 01/06/2025 | 1.09 | 2.10 | 1.0 | 1.05 | 0.5 | 96% |
| MS-11 | 250007-69410 | 01/02/2025 | 01/06/2025 | 20.2 | 2.06 | 1.0 | 1.03 | 0.5 | 95% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/06/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.54 | 101 |
| Chlorodifluoromethane | 10.20 | 9.78 | 96 |
| Propene | 10.70 | 9.67 | 90 |
| Dichlorodifluoromethane | 10.40 | 10.43 | 100 |
| Dimethyl Ether | 10.10 | 9.04 | 90 |
| Chloromethane | 10.50 | 8.94 | 85 |
| Dichlorotetrafluoroethane | 10.20 | 10.32 | 101 |
| Vinyl Chloride | 10.60 | 9.93 | 94 |
| Acetaldehyde | 20.90 | 18.30 | 88 |
| Methanol | 20.40 | 18.82 | 92 |
| 1,3-Butadiene | 10.70 | 10.31 | 96 |
| Bromomethane | 10.40 | 9.60 | 92 |
| Chloroethane | 10.40 | 9.63 | 93 |
| Dichlorofluoromethane | 10.10 | 9.74 | 96 |
| Ethanol | 11.40 | 9.55 | 84 |
| Vinyl Bromide | 10.10 | 9.53 | 94 |
| Acrolein | 10.90 | 9.43 | 87 |
| Acetone | 10.60 | 9.72 | 92 |
| Trichlorofluoromethane | 10.50 | 10.15 | 97 |
| 2-Propanol (IPA) | 11.00 | 9.49 | 86 |
| Acrylonitrile | 11.10 | 9.32 | 84 |
| 1,1-Dichloroethene | 10.50 | 10.13 | 96 |
| Methylene Chloride (DCM) | 10.40 | 9.83 | 95 |
| TertButanol (TBA) | 11.20 | 10.42 | 93 |
| Allyl Chloride | 10.20 | 9.36 | 92 |
| Carbon Disulfide | 10.50 | 10.09 | 96 |
| Trichlorotrifluoroethane | 10.30 | 10.22 | 99 |
| trans-1,2-Dichloroethene | 10.80 | 11.19 | 104 |
| 1,1-Dichloroethane | 10.70 | 10.30 | 96 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 9.96 | 93 |
| Vinyl Acetate | 11.00 | 9.33 | 85 |
| 2-Butanone (MEK) | 10.70 | 10.00 | 93 |
| cis-1,2-Dichloroethene | 10.70 | 10.89 | 102 |
| Hexane | 10.80 | 10.50 | 97 |
| Chloroform | 10.70 | 10.61 | 99 |
| Ethyl Acetate | 10.70 | 9.73 | 91 |
| Tetrahydrofuran | 10.40 | 10.21 | 98 |
| 1,2-Dichloroethane | 10.60 | 10.51 | 99 |
| 1,1,1-Trichloroethane | 10.50 | 10.34 | 98 |
| Benzene | 10.70 | 10.59 | 99 |
| Carbon Tetrachloride | 10.30 | 10.05 | 98 |
| Cyclohexane | 10.50 | 10.17 | 97 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.35 | 97 |
| Bromodichloromethane | 10.50 | 9.98 | 95 |
| 1,4-Dioxane | 10.50 | 9.91 | 94 |
| Trichloroethene (TCE) | 10.50 | 10.67 | 102 |
| 2,2,4-Trimethylpentane | 10.10 | 9.32 | 92 |
| Methyl Methacrylate | 11.00 | 10.33 | 94 |
| Heptane | 10.50 | 10.23 | 97 |
| cis-1,3-Dichloropropene | 10.50 | 10.36 | 99 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.62 | 92 |
| trans-1,3-Dichloropropene | 10.60 | 10.35 | 98 |
| 1,1,2-Trichloroethane | 10.60 | 9.39 | 89 |
| Toluene | 10.80 | 10.66 | 99 |
| 2-Hexanone (MBK) | 10.50 | 9.72 | 93 |
| Dibromochloromethane | 10.60 | 10.10 | 95 |
| 1,2-Dibromoethane | 10.60 | 10.05 | 95 |
| Tetrachloroethene (PCE) | 10.50 | 10.50 | 100 |
| Chlorobenzene | 10.80 | 10.84 | 100 |
| Ethylbenzene | 10.60 | 10.60 | 100 |
| m & p-Xylene | 21.20 | 21.29 | 100 |
| Bromoform | 10.60 | 9.87 | 93 |
| Styrene | 10.60 | 10.84 | 102 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.53 | 90 |
| o-Xylene | 10.60 | 10.59 | 100 |
| 1,2,3-Trichloropropane | 11.00 | 11.09 | 101 |
| Isopropylbenzene (Cumene) | 10.40 | 10.39 | 100 |
| α-Pinene | 10.80 | 10.82 | 100 |
| 2-Chlorotoluene | 10.30 | 10.32 | 100 |
| n-Propylbenzene | 10.10 | 10.38 | 103 |
| 4-Ethyltoluene | 10.40 | 10.16 | 98 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.61 | 103 |
| β-Pinene | 10.90 | 10.17 | 93 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.29 | 100 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 8.98 | 87 |
| 1,3-Dichlorobenzene | 10.30 | 10.36 | 101 |
| 1,4-Dichlorobenzene | 10.20 | 10.49 | 103 |
| Sec-ButylBenzene | 10.00 | 9.91 | 99 |
| 1,2-Dichlorobenzene | 10.40 | 10.60 | 102 |
| n-ButylBenzene | 10.20 | 10.07 | 99 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 9.72 | 96 |
| 1,2,4-Trichlorobenzene | 10.50 | 11.46 | 109 |
| Naphthalene | 10.90 | 12.31 | 113 |
| Hexachlorobutadiene | 10.80 | 10.59 | 98 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 01/06/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-103024-02**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS [1] Recovery* | *LCSD [1] Recovery* | *LCS [1] % Recovery [2]* | *LCSD [1] % Recovery [2]* | *RPD [3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.54 | 9.61 | 101 | 102 | 0.7 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.13 | 9.81 | 96 | 93 | 3.2 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 9.83 | 10.19 | 95 | 98 | 3.6 |
| Benzene | 0.0 | 10.70 | 10.59 | 10.46 | 99 | 98 | 1.2 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.67 | 10.63 | 102 | 101 | 0.4 |
| Toluene | 0.0 | 10.80 | 10.66 | 10.78 | 99 | 100 | 1.1 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 10.50 | 10.84 | 100 | 103 | 3.2 |
| Chlorobenzene | 0.0 | 10.80 | 10.84 | 10.58 | 100 | 98 | 2.4 |
| Ethylbenzene | 0.0 | 10.60 | 10.60 | 10.51 | 100 | 99 | 0.9 |
| m & p-Xylene | 0.0 | 21.20 | 21.29 | 20.79 | 100 | 98 | 2.4 |
| o-Xylene | 0.0 | 10.60 | 10.59 | 10.54 | 100 | 99 | 0.5 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/06/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 010625* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 97% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 010625* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/06/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.39

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 243157-69191

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.52 | 9.11 | 4.4 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | <SRL | <SRL | |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol | 11.6 | 13.6 | 15.8 |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | 29.9 | 31.9 | 6.4 |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone | 2.98 | 3.41 | 13.4 |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | 9.33 | 9.67 | 3.7 |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

# CHAIN OF CUSTODY RECORD ~~242947~~ 250007

Cx 1/3/25

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air / Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |

**ANALYSES**

| Sampler: (Print) | (Signature) | No. Of Containers |
|---|---|---|
| D Hernandez | | 7 |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~MS-07~~ | ~~1/2-3/25~~ | ~~0640 - 0640~~ | ~~Do Not Analyze~~ | ~~6L Summa Canister~~ | ~~x~~ | ~~x~~ | | | ~~30 HG~~ | ~~002070 / 17590~~ |
| MS-12 | 1/2-3/25 | 0650 - 0650 | 69405 | 6L Summa Canister | x | x | | | 0 HG | 001949 / 05097 |
| MS-08 | 1/2-3/25 | 0700 - 0700 | 69406 | 6L Summa Canister | x | x | | | 0 HG | 002024 / 03109 |
| MS-09 | 1/2-3/25 | 0710 - 0710 | 69407 | 6L Summa Canister | x | x | | | -9 HG | 002078 / 19506 |
| MS-10 | 1/2-3/25 | 0725 - 0725 | 69408 | 6L Summa Canister | x | x | | | -7 HG | 002126 / 17587 |
| MS-06 | 1/2-3/25 | 0745 - 0745 | 69409 | 6L Summa Canister | x | x | | | -10 HG | 001937 / 19505 |
| MS-11 | 1/2-3/25 | 0800 - 0800 | 69410 | 6L Summa Canister | x | x | | | -11 HG | 002111 / 000885 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 1/3/25 | 0850 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 1/3/25 | 0850 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7x cans (1x void) + 7x coated Entechs

# CHAIN OF CUSTODY RECORD

Cor 1/13/25 ~~242997~~ 250007

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** / **(Signature)** | **No. Of Containers** |
| D Hernandez | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/2-3/25 | 0640 - 0640 | 69411 | 10 Liter Bag | X | | | | | |
| MS-12 | 1/2-3/25 | 0650 - 0650 | 69412 | 10 Liter Bag | X | | | | | |
| MS-08 | 1/2-3/25 | 0700 - 0700 | 69413 | 10 Liter Bag | X | | | | | |
| MS-09 | 1/2-3/25 | 0710 - 0710 | 69414 | 10 Liter Bag | X | | | | | |
| MS-10 | 1/2-3/25 | 0725 - 0725 | 69415 | 10 Liter Bag | X | | | | | |
| MS-06 | 1/2-3/25 | 0745 - 0745 | 69416 | 10 Liter Bag | X | | | | | |
| MS-11 | 1/2-3/25 | 0800 - 0800 | 69417 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | **Date** 1/3/25 | **Time** 0850 | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** 1/3/25 | **Time** 0850 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250007
REPORT DATE : 01/07/2025

On January 3rd 2025, Atmospheric Analysis & Consulting, Inc. received six (6) Six-Liter Silonite Canisters and seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-12 | 250007-69405 | 712.5 | MS-07 | 250007-69411 |
| MS-08 | 250007-69406 | 759.5 | MS-12 | 250007-69412 |
| MS-09 | 250007-69407 | 619.5 | MS-08 | 250007-69413 |
| MS-10 | 250007-69408 | 573.0 | MS-09 | 250007-69414 |
| MS-06 | 250007-69409 | 485.0 | MS-10 | 250007-69415 |
| MS-11 | 250007-69410 | 493.0 | MS-06 | 250007-69416 |
| - | - | - | MS-11 | 250007-69417 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250007**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/02-03/2025**
**RECEIVING DATE : 01/03/2025**
**ANALYSIS DATE : 01/04/2025**
**REPORT DATE : 01/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | MS-08 | MS-09 | MS-10 | MS-06 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250007-69405 | 250007-69406 | 250007-69407 | 250007-69408 | 250007-69409 | 250007-69410 |
| Canister Dil. Fac. | 1.43 | 1.34 | 1.64 | 1.78 | 2.10 | 2.06 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| COS / SO2 | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Methyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Ethyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Dimethyl Sulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Carbon Disulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Isopropyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| tert-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| n-Propyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Methylethylsulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| sec-Butyl Mercaptan / Thiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| iso-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Diethyl Sulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| n-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Dimethyl Disulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| 2-Methylthiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| 3-Methylthiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Tetrahydrothiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Bromothiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Thiophenol | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Diethyl Disulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Total Unidentified Sulfur | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |
| Total Reduced Sulfurs | < 0.007 | < 0.007 | < 0.008 | < 0.009 | < 0.011 | < 0.010 |

All unidentified compound's concentrations expressed in terms of $H_2S$

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250007**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/02-03/2025**
**RECEIVING DATE : 01/03/2025**
**ANALYSIS DATE : 01/03/2025**
**REPORT DATE : 01/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250007-69411 | 250007-69412 | 250007-69413 | 250007-69414 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250007**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/02-03/2025**
**RECEIVING DATE : 01/03/2025**
**ANALYSIS DATE : 01/03/2025**
**REPORT DATE : 01/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250007-69415 | 250007-69416 | 250007-69417 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/3/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7066 | 0.497 | 100.5 | 0.7 |
| Duplicate | 6905 | 0.485 | 98.2 | 3.0 |
| Triplicate | 7375 | 0.518 | 104.9 | 3.6 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6065 | 0.506 | 99.7 | 1.2 |
| Duplicate | 6062 | 0.506 | 99.6 | 1.3 |
| Triplicate | 6297 | 0.525 | 103.5 | 2.5 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8309 | 0.485 | 100.9 | 1.1 |
| Duplicate | 8102 | 0.473 | 98.4 | 1.4 |
| Triplicate | 8253 | 0.482 | 100.2 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250006-69397**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250006-69397 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.227 | 0.236 | 91.9 | 95.5 | 3.9 |
| MeSH | <PQL | 0.254 | 0.248 | 0.253 | 97.7 | 99.7 | 2.0 |
| DMS | <PQL | 0.240 | 0.217 | 0.225 | 90.3 | 93.7 | 3.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.505 | 102.2 |
| MeSH | 0.508 | 0.556 | 109.6 |
| DMS | 0.481 | 0.437 | 90.9 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*
*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/4/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7048 | 0.495 | 100.3 | 1.0 |
| Duplicate | 7044 | 0.495 | 100.2 | 1.1 |
| Triplicate | 7273 | 0.511 | 103.5 | 2.1 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6039 | 0.504 | 99.3 | 1.2 |
| Duplicate | 6149 | 0.513 | 101.1 | 0.6 |
| Triplicate | 6148 | 0.513 | 101.0 | 0.6 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7935 | 0.463 | 96.4 | 0.2 |
| Duplicate | 7875 | 0.460 | 95.7 | 0.6 |
| Triplicate | 7955 | 0.464 | 96.6 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66846**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66846 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.250 | 0.238 | 101.2 | 96.4 | 4.9 |
| MeSH | <PQL | 0.254 | 0.254 | 0.257 | 100.1 | 101.3 | 1.2 |
| DMS | <PQL | 0.240 | 0.234 | 0.231 | 97.4 | 96.1 | 1.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.505 | 102.2 |
| MeSH | 0.508 | 0.524 | 103.3 |
| DMS | 0.481 | 0.445 | 92.6 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*

*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250007

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air / Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** / **(Signature)** | **No. Of Containers** |
| D Hernandez | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/2-3/25 | 0640 - 0640 | Do Not Analyze | 6L Summa Canister | x | x | | | -30 HG | 002070 / 17590 |
| MS-12 | 1/2-3/25 | 0650 - 0650 | 69405 | 6L Summa Canister | x | x | | | 0 HG | 001949 / 05097 |
| MS-08 | 1/2-3/25 | 0700 - 0700 | 69406 | 6L Summa Canister | x | x | | | 0 HG | 002024 / 03109 |
| MS-09 | 1/2-3/25 | 0710 - 0710 | 69407 | 6L Summa Canister | x | x | | | -9 HG | 002078 / 19506 |
| MS-10 | 1/2-3/25 | 0725 - 0725 | 69408 | 6L Summa Canister | x | x | | | -7 HG | 002126 / 17587 |
| MS-06 | 1/2-3/25 | 0745 - 0745 | 69409 | 6L Summa Canister | x | x | | | -10 HG | 001937 / 19505 |
| MS-11 | 1/2-3/25 | 0800 - 0800 | 69410 | 6L Summa Canister | x | x | | | -11 HG | 002111 / 000885 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 1/3/25 | 0850 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 1/3/25 | 0850 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD

Cor 1/3/25 242997 250007

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** D Hernandez | **(Signature)** |
| **No. Of Containers** 7 | |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/2-3/25 | 0640 - 0640 | 69411 | 10 Liter Bag | X | | | | | |
| MS-12 | 1/2-3/25 | 0650 - 0650 | 69412 | 10 Liter Bag | X | | | | | |
| MS-08 | 1/2-3/25 | 0700 - 0700 | 69413 | 10 Liter Bag | X | | | | | |
| MS-09 | 1/2-3/25 | 0710 - 0710 | 69414 | 10 Liter Bag | X | | | | | |
| MS-10 | 1/2-3/25 | 0725 - 0725 | 69415 | 10 Liter Bag | X | | | | | |
| MS-06 | 1/2-3/25 | 0745 - 0745 | 69416 | 10 Liter Bag | X | | | | | |
| MS-11 | 1/2-3/25 | 0800 - 0800 | 69417 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | **Date** 1/3/25 | **Time** 0850 | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** 1/3/25 | **Time** 0850 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita Canyon Landfill Air/Odor Sampling |
| AAC PROJECT NO. | : 250036 |
| REPORT DATE | : 01/09/2025 |

On January 7, 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-07 | 260036-69577 | 576.5 |
| MS-12 | 260036-69578 | 650.5 |
| MS-08 | 260036-69579 | 310.5 |
| MS-09 | 260036-69580 | 290.5 |
| MS-10 | 260036-69581 | 485.0 |
| MS-06 | 260036-69582 | 658.0 |
| MS-11 | 260036-69583 | 575.5 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 16 pages.


2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250036
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/07/2025
DATE REPORTED : 01/09/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) | MS-12 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250036-69577 | | | | 250036-69578 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/08/2025 | | | | 01/08/2025 | | | | |
| *Can Dilution Factor* | 1.76 | | | | 1.56 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Propene | <SRL | U | 1 | 1.76 | <SRL | U | 1 | 1.56 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.88 | 0.80 | | 1 | 0.78 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 8.82 | <SRL | U | 1 | 7.82 | 5.00 |
| Methanol | <SRL | U | 1 | 8.82 | <SRL | U | 1 | 7.82 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.53 | <SRL | U | 1 | 3.13 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.76 | <SRL | U | 1 | 1.56 | 1.00 |
| Acetone | <SRL | U | 1 | 3.53 | <SRL | U | 1 | 3.13 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.53 | <SRL | U | 1 | 3.13 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.76 | <SRL | U | 1 | 1.56 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.76 | <SRL | U | 1 | 1.56 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.76 | <SRL | U | 1 | 1.56 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.53 | <SRL | U | 1 | 3.13 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.76 | <SRL | U | 1 | 1.56 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Hexane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Benzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250036
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/07/2025
DATE REPORTED : 01/09/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) | MS-12 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250036-69577 | | | | 250036-69578 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/08/2025 | | | | 01/08/2025 | | | | |
| *Can Dilution Factor* | 1.76 | | | | 1.56 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.76 | <SRL | U | 1 | 1.56 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Heptane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Toluene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.76 | <SRL | U | 1 | 1.56 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.76 | <SRL | U | 1 | 1.56 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Styrene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.88 | <SRL | U | 1 | 0.78 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250036
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/07/2025
DATE REPORTED : 01/09/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250036-69579 | | | | 250036-69580 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/08/2025 | | | | 01/08/2025 | | | | |
| *Can Dilution Factor* | 3.30 | | | | 3.53 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Propene | <SRL | U | 1 | 3.30 | <SRL | U | 1 | 3.53 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 16.5 | <SRL | U | 1 | 17.7 | 5.00 |
| Methanol | <SRL | U | 1 | 16.5 | <SRL | U | 1 | 17.7 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Ethanol | 24.0 | | 1 | 6.61 | 40.3 | | 1 | 7.06 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Acrolein | <SRL | U | 1 | 3.30 | <SRL | U | 1 | 3.53 | 1.00 |
| Acetone | <SRL | U | 1 | 6.61 | 9.53 | | 1 | 7.06 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 6.61 | <SRL | U | 1 | 7.06 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 3.30 | <SRL | U | 1 | 3.53 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 3.30 | <SRL | U | 1 | 3.53 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 3.30 | <SRL | U | 1 | 3.53 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 6.61 | <SRL | U | 1 | 7.06 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 3.30 | <SRL | U | 1 | 3.53 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Hexane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Benzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250036
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/07/2025
DATE REPORTED : 01/09/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250036-69579 | | | | 250036-69580 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/08/2025 | | | | 01/08/2025 | | | | |
| *Can Dilution Factor* | 3.30 | | | | 3.53 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 3.30 | <SRL | U | 1 | 3.53 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Heptane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Toluene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 3.30 | <SRL | U | 1 | 3.53 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 3.30 | <SRL | U | 1 | 3.53 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Styrene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.65 | <SRL | U | 1 | 1.77 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250036
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/07/2025
DATE REPORTED : 01/09/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250036-69581 | | | | 250036-69582 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/08/2025 | | | | 01/08/2025 | | | | |
| *Can Dilution Factor* | 2.10 | | | | 1.55 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Propene | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 1.55 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 10.5 | <SRL | U | 1 | 7.74 | 5.00 |
| Methanol | <SRL | U | 1 | 10.5 | <SRL | U | 1 | 7.74 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Ethanol | 86.2 | | 1 | 4.20 | 19.6 | | 1 | 3.09 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 1.55 | 1.00 |
| Acetone | <SRL | U | 1 | 4.20 | <SRL | U | 1 | 3.09 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.20 | <SRL | U | 1 | 3.09 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 1.55 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 1.55 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 1.55 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.20 | <SRL | U | 1 | 3.09 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 1.55 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Hexane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Benzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250036
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/07/2025
DATE REPORTED : 01/09/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250036-69581 | | | | 250036-69582 | | | | |
| *Date Sampled* | 01/06/2025 | | | | 01/06/2025 | | | | |
| *Date Analyzed* | 01/08/2025 | | | | 01/08/2025 | | | | |
| *Can Dilution Factor* | 2.10 | | | | 1.55 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 1.55 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Heptane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Toluene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 1.55 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.10 | <SRL | U | 1 | 1.55 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Styrene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.05 | <SRL | U | 1 | 0.77 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250036
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/07/2025
DATE REPORTED : 01/09/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250036-69583 | | | | |
| *Date Sampled* | 01/06/2025 | | | | |
| *Date Analyzed* | 01/08/2025 | | | | |
| *Can Dilution Factor* | 1.77 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.89 | 0.50 |
| Propene | <SRL | U | 1 | 1.77 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.89 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.89 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.89 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.89 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.89 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 8.86 | 5.00 |
| Methanol | <SRL | U | 1 | 8.86 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.89 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.89 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.89 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.89 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.54 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.89 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.77 | 1.00 |
| Acetone | <SRL | U | 1 | 3.54 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.89 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.54 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.77 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.89 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.77 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.89 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.77 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.54 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.89 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.89 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.89 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.89 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.89 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.77 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.89 | 0.50 |
| Hexane | <SRL | U | 1 | 0.89 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.89 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.89 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.89 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.89 | 0.50 |
| Benzene | <SRL | U | 1 | 0.89 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250036
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/07/2025
DATE REPORTED : 01/09/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250036-69583 | | | | |
| *Date Sampled* | 01/06/2025 | | | | |
| *Date Analyzed* | 01/08/2025 | | | | |
| *Can Dilution Factor* | 1.77 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.89 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.89 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.89 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.77 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.89 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.89 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.89 | 0.50 |
| Heptane | <SRL | U | 1 | 0.89 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.89 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.89 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.89 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.89 | 0.50 |
| Toluene | <SRL | U | 1 | 0.89 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.77 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.89 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.89 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.89 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.89 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.77 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.89 | 0.50 |
| Styrene | <SRL | U | 1 | 0.89 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.89 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.89 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.89 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.89 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.89 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.89 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.89 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.89 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.89 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.89 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.89 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.89 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.89 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.89 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.89 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.89 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.89 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*LIMONENE ANALYSIS VIA TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250036**
**MATRIX : AIR**

**DATE RECEIVED : 01/07/2025**
**DATE REPORTED : 01/09/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF's) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 250036-69577 | 01/06/2025 | 01/08/2025 | <SRL | 1.76 | 1.0 | 0.88 | 0.5 | 98% |
| MS-12 | 250036-69578 | 01/06/2025 | 01/08/2025 | 7.01 | 1.56 | 1.0 | 0.78 | 0.5 | 96% |
| MS-08 | 250036-69579 | 01/06/2025 | 01/08/2025 | <SRL | 3.30 | 1.0 | 1.65 | 0.5 | 100% |
| MS-09 | 250036-69580 | 01/06/2025 | 01/08/2025 | 24.0 | 3.53 | 1.0 | 1.77 | 0.5 | 102% |
| MS-10 | 250036-69581 | 01/06/2025 | 01/08/2025 | <SRL | 2.10 | 1.0 | 1.05 | 0.5 | 102% |
| MS-06 | 250036-69582 | 01/06/2025 | 01/08/2025 | <SRL | 1.55 | 1.0 | 0.77 | 0.5 | 101% |
| MS-11 | 250036-69583 | 01/06/2025 | 01/08/2025 | <SRL | 1.77 | 1.0 | 0.89 | 0.5 | 98% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/08/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 10.02 | 107 |
| Chlorodifluoromethane | 10.20 | 9.26 | 91 |
| Propene | 10.70 | 8.85 | 83 |
| Dichlorodifluoromethane | 10.40 | 10.37 | 100 |
| Dimethyl Ether | 10.10 | 8.31 | 82 |
| Chloromethane | 10.50 | 7.82 | 74 |
| Dichlorotetrafluoroethane | 10.20 | 10.19 | 100 |
| Vinyl Chloride | 10.60 | 9.48 | 89 |
| Acetaldehyde | 20.90 | 16.59 | 79 |
| Methanol | 20.40 | 16.78 | 82 |
| 1,3-Butadiene | 10.70 | 9.56 | 89 |
| Bromomethane | 10.40 | 9.67 | 93 |
| Chloroethane | 10.40 | 8.38 | 81 |
| Dichlorofluoromethane | 10.10 | 9.38 | 93 |
| Ethanol | 11.40 | 8.80 | 77 |
| Vinyl Bromide | 10.10 | 9.26 | 92 |
| Acrolein | 10.90 | 9.07 | 83 |
| Acetone | 10.60 | 9.18 | 87 |
| Trichlorofluoromethane | 10.50 | 10.07 | 96 |
| 2-Propanol (IPA) | 11.00 | 9.12 | 83 |
| Acrylonitrile | 11.10 | 8.20 | 74 |
| 1,1-Dichloroethene | 10.50 | 10.00 | 95 |
| Methylene Chloride (DCM) | 10.40 | 9.65 | 93 |
| TertButanol (TBA) | 11.20 | 10.09 | 90 |
| Allyl Chloride | 10.20 | 9.29 | 91 |
| Carbon Disulfide | 10.50 | 9.72 | 93 |
| Trichlorotrifluoroethane | 10.30 | 10.12 | 98 |
| trans-1,2-Dichloroethene | 10.80 | 10.95 | 101 |
| 1,1-Dichloroethane | 10.70 | 9.90 | 93 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.17 | 95 |
| Vinyl Acetate | 11.00 | 8.42 | 77 |
| 2-Butanone (MEK) | 10.70 | 9.50 | 89 |
| cis-1,2-Dichloroethene | 10.70 | 10.74 | 100 |
| Hexane | 10.80 | 9.89 | 92 |
| Chloroform | 10.70 | 10.67 | 100 |
| Ethyl Acetate | 10.70 | 8.82 | 82 |
| Tetrahydrofuran | 10.40 | 9.75 | 94 |
| 1,2-Dichloroethane | 10.60 | 10.55 | 100 |
| 1,1,1-Trichloroethane | 10.50 | 10.70 | 102 |
| Benzene | 10.70 | 10.84 | 101 |
| Carbon Tetrachloride | 10.30 | 11.25 | 109 |
| Cyclohexane | 10.50 | 10.00 | 95 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.40 | 97 |
| Bromodichloromethane | 10.50 | 10.82 | 103 |
| 1,4-Dioxane | 10.50 | 10.32 | 98 |
| Trichloroethene (TCE) | 10.50 | 11.45 | 109 |
| 2,2,4-Trimethylpentane | 10.10 | 9.36 | 93 |
| Methyl Methacrylate | 11.00 | 10.55 | 96 |
| Heptane | 10.50 | 10.55 | 100 |
| cis-1,3-Dichloropropene | 10.50 | 10.76 | 102 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.33 | 89 |
| trans-1,3-Dichloropropene | 10.60 | 10.67 | 101 |
| 1,1,2-Trichloroethane | 10.60 | 9.91 | 93 |
| Toluene | 10.80 | 10.85 | 100 |
| 2-Hexanone (MBK) | 10.50 | 9.77 | 93 |
| Dibromochloromethane | 10.60 | 11.25 | 106 |
| 1,2-Dibromoethane | 10.60 | 11.21 | 106 |
| Tetrachloroethene (PCE) | 10.50 | 11.51 | 110 |
| Chlorobenzene | 10.80 | 11.24 | 104 |
| Ethylbenzene | 10.60 | 10.58 | 100 |
| m & p-Xylene | 21.20 | 21.54 | 102 |
| Bromoform | 10.60 | 10.61 | 100 |
| Styrene | 10.60 | 11.05 | 104 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.63 | 91 |
| o-Xylene | 10.60 | 10.77 | 102 |
| 1,2,3-Trichloropropane | 11.00 | 11.63 | 106 |
| Isopropylbenzene (Cumene) | 10.40 | 10.52 | 101 |
| α-Pinene | 10.80 | 10.80 | 100 |
| 2-Chlorotoluene | 10.30 | 10.80 | 105 |
| n-Propylbenzene | 10.10 | 10.74 | 106 |
| 4-Ethyltoluene | 10.40 | 10.57 | 102 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.55 | 102 |
| β-Pinene | 10.90 | 10.55 | 97 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.58 | 103 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.75 | 95 |
| 1,3-Dichlorobenzene | 10.30 | 10.84 | 105 |
| 1,4-Dichlorobenzene | 10.20 | 10.77 | 106 |
| Sec-ButylBenzene | 10.00 | 10.03 | 100 |
| 1,2-Dichlorobenzene | 10.40 | 10.86 | 104 |
| n-ButylBenzene | 10.20 | 10.57 | 104 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 10.46 | 104 |
| 1,2,4-Trichlorobenzene | 10.50 | 11.76 | 112 |
| Naphthalene | 10.90 | 12.34 | 113 |
| Hexachlorobutadiene | 10.80 | 11.26 | 104 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/08/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 10.02 | 10.01 | 107 | 106 | 0.1 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.00 | 10.17 | 95 | 97 | 1.7 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 9.65 | 9.94 | 93 | 96 | 3.0 |
| Benzene | 0.0 | 10.70 | 10.84 | 10.19 | 101 | 95 | 6.2 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 11.45 | 10.81 | 109 | 103 | 5.8 |
| Toluene | 0.0 | 10.80 | 10.85 | 10.47 | 100 | 97 | 3.6 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 11.51 | 10.95 | 110 | 104 | 5.0 |
| Chlorobenzene | 0.0 | 10.80 | 11.24 | 10.87 | 104 | 101 | 3.3 |
| Ethylbenzene | 0.0 | 10.60 | 10.58 | 10.45 | 100 | 99 | 1.2 |
| m & p-Xylene | 0.0 | 21.20 | 21.54 | 20.98 | 102 | 99 | 2.6 |
| o-Xylene | 0.0 | 10.60 | 10.77 | 10.55 | 102 | 100 | 2.1 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/08/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 010825* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 99% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 010825* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/08/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x3.3

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250036-69579

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.07 | 9.05 | 0.2 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | <SRL | <SRL | |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol | <SRL | <SRL | |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | 24.0 | 23.1 | 4.1 |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone | <SRL | <SRL | |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250036

# CHAIN OF CUSTODY RECORD

| | |
|---|---|
| **Client/Project Name** SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | **Project Location** Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| **Sampler: (Print)** D Hernandez | **(Signature)** |
| | **No. Of Containers** 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/6-7/25 | 0640 - 0640 | 69577 | 6L Summa Canister | x | x | | | -10 HG | 001986 / 19510 |
| MS-12 | 1/6-7/25 | 0650 - 0650 | 69578 | 6L Summa Canister | x | x | | | -5 HG | 002074 / FC76 |
| MS-08 | 1/6-7/25 | 0700 - 0700 | 69579 | 6L Summa Canister | x | x | | | -19 HG | 001992 / 19596 |
| MS-09 | 1/6-7/25 | 0710 - 0710 | 69580 | 6L Summa Canister | x | x | | | -18 HG | 002136 / 19504 |
| MS-10 | 1/6-7/25 | 0725 - 0725 | 69581 | 6L Summa Canister | x | x | | | -11 HG | 002125 / 17589 |
| MS-06 | 1/6-7/25 | 0740 - 0740 | 69582 | 6L Summa Canister | x | x | | | 0 HG | 001925 / 19507 |
| MS-11 | 1/6-7/25 | 0810 - 0810 | 69583 | 6L Summa Canister | x | x | | | -9 HG | 002076 / 03527 |
| | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | **Date** 1/7/25 | **Time** 0855 | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** 1/7/25 | **Time** 0856 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | **Date** | **Time** |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

010 - 7x cans +7x coated Entech

# CHAIN OF CUSTODY RECORD 250036

| Client/Project Name SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Project Location Valencia, CA | ANALYSES |
|---|---|---|
| Project No. | Field Logbook No. | |
| Sampler: (Print) D Hernandez | (Signature) | No. Of Containers 7 |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/6-7/25 | 0640 - 0640 | 69584 | 10 Liter Bag | x | | | | | |
| MS-12 | 1/6-7/25 | 0650 - 0650 | 69585 | 10 Liter Bag | x | | | | | |
| MS-08 | 1/6-7/25 | 0700 - 0700 | 69586 | 10 Liter Bag | x | | | | | |
| MS-09 | 1/6-7/25 | 0710 - 0710 | 69587 | 10 Liter Bag | x | | | | | |
| MS-10 | 1/6-7/25 | 0725 - 0725 | 69588 | 10 Liter Bag | x | | | | | |
| MS-06 | 1/6-7/25 | 0740 - 0740 | 69589 | 10 Liter Bag | x | | | | | |
| MS-11 | 1/6-7/25 | 0810 - 0810 | 69590 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 1/7/25 | 0855 | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| | | | | | |
| Relinquished by: (Signature) | Date | Time | Received for Laboratory: (Signature) | Date | Time |
| | | | | 1/7/25 | 0857 |
| Sample Disposal Method: | Disposed of by: (Signature) | | | Date | Time |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

D10 - 7x cans + 7x coated Entechs

Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250036
REPORT DATE : 01/10/2025

On January 7th 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite canisters, and seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-07 | 250036-69577 | 576.5 | MS-07 | 250036-69584 |
| MS-12 | 250036-69578 | 650.5 | MS-12 | 250036-69585 |
| MS-08 | 250036-69579 | 310.5 | MS-08 | 250036-69586 |
| MS-09 | 250036-69580 | 290.5 | MS-09 | 250036-69587 |
| MS-10 | 250036-69581 | 485.0 | MS-10 | 250036-69588 |
| MS-06 | 250036-69582 | 658.0 | MS-06 | 250036-69589 |
| MS-11 | 250036-69583 | 575.5 | MS-11 | 250036-69590 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 9 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250036**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/06-07/2025**
**RECEIVING DATE : 01/07/2025**
**ANALYSIS DATE : 01/08/2025**
**REPORT DATE : 01/10/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250036-69577 | 250036-69578 | 250036-69579 | 250036-69580 |
| Canister Dil. Fac. | 1.76 | 1.56 | 3.30 | 3.53 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| COS / SO2 | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Methyl Mercaptan | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Ethyl Mercaptan | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Dimethyl Sulfide | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Carbon Disulfide | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Isopropyl Mercaptan | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| tert-Butyl Mercaptan | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| n-Propyl Mercaptan | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Methylethylsulfide | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| sec-Butyl Mercaptan / Thiophene | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| iso-Butyl Mercaptan | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Diethyl Sulfide | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| n-Butyl Mercaptan | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Dimethyl Disulfide | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| 2-Methylthiophene | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| 3-Methylthiophene | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Tetrahydrothiophene | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Bromothiophene | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Thiophenol | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Diethyl Disulfide | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Total Unidentified Sulfur | < 0.009 | < 0.008 | < 0.017 | < 0.018 |
| Total Reduced Sulfurs | < 0.009 | < 0.008 | < 0.017 | < 0.018 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250036**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/06-07/2025**
**RECEIVING DATE : 01/07/2025**
**ANALYSIS DATE : 01/08/2025**
**REPORT DATE : 01/10/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250036-69581 | 250036-69582 | 250036-69583 |
| Canister Dil. Fac. | 2.10 | 1.55 | 1.77 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.011 | < 0.008 | < 0.009 |
| COS / SO2 | < 0.011 | < 0.008 | < 0.009 |
| Methyl Mercaptan | < 0.011 | < 0.008 | < 0.009 |
| Ethyl Mercaptan | < 0.011 | < 0.008 | < 0.009 |
| Dimethyl Sulfide | < 0.011 | < 0.008 | < 0.009 |
| Carbon Disulfide | < 0.011 | < 0.008 | < 0.009 |
| Isopropyl Mercaptan | < 0.011 | < 0.008 | < 0.009 |
| tert-Butyl Mercaptan | < 0.011 | < 0.008 | < 0.009 |
| n-Propyl Mercaptan | < 0.011 | < 0.008 | < 0.009 |
| Methylethylsulfide | < 0.011 | < 0.008 | < 0.009 |
| sec-Butyl Mercaptan / Thiophene | < 0.011 | < 0.008 | < 0.009 |
| iso-Butyl Mercaptan | < 0.011 | < 0.008 | < 0.009 |
| Diethyl Sulfide | < 0.011 | < 0.008 | < 0.009 |
| n-Butyl Mercaptan | < 0.011 | < 0.008 | < 0.009 |
| Dimethyl Disulfide | < 0.011 | < 0.008 | < 0.009 |
| 2-Methylthiophene | < 0.011 | < 0.008 | < 0.009 |
| 3-Methylthiophene | < 0.011 | < 0.008 | < 0.009 |
| Tetrahydrothiophene | < 0.011 | < 0.008 | < 0.009 |
| Bromothiophene | < 0.011 | < 0.008 | < 0.009 |
| Thiophenol | < 0.011 | < 0.008 | < 0.009 |
| Diethyl Disulfide | < 0.011 | < 0.008 | < 0.009 |
| Total Unidentified Sulfur | < 0.011 | < 0.008 | < 0.009 |
| Total Reduced Sulfurs | < 0.011 | < 0.008 | < 0.009 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250036**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/06-07/2025**
**RECEIVING DATE : 01/07/2025**
**ANALYSIS DATE : 01/07/2025**
**REPORT DATE : 01/10/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250036-69584 | 250036-69585 | 250036-69586 | 250036-69587 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250036**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/06-07/2025**
**RECEIVING DATE : 01/07/2025**
**ANALYSIS DATE : 01/07/2025**
**REPORT DATE : 01/10/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250036-69588 | 250036-69589 | 250036-69590 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/7/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6978 | 0.490 | 99.3 | 2.3 |
| Duplicate | 7135 | 0.501 | 101.5 | 0.1 |
| Triplicate | 7312 | 0.514 | 104.0 | 2.4 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6116 | 0.510 | 100.5 | 2.5 |
| Duplicate | 6350 | 0.530 | 104.4 | 1.3 |
| Triplicate | 6349 | 0.530 | 104.3 | 1.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7883 | 0.460 | 95.8 | 0.0 |
| Duplicate | 7848 | 0.458 | 95.3 | 0.4 |
| Triplicate | 7918 | 0.462 | 96.2 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250026-69556**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250026-69556 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.264 | 0.239 | 106.9 | 96.8 | 9.9 |
| MeSH | <PQL | 0.254 | 0.270 | 0.263 | 106.4 | 103.6 | 2.6 |
| DMS | <PQL | 0.240 | 0.228 | 0.218 | 94.9 | 90.7 | 4.5 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.494 | 100.0 |
| MeSH | 0.508 | 0.537 | 105.8 |
| DMS | 0.481 | 0.446 | 92.8 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*
*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/8/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6831 | 0.480 | 97.2 | 1.3 |
| Duplicate | 6913 | 0.486 | 98.3 | 0.1 |
| Triplicate | 7020 | 0.493 | 99.9 | 1.4 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6206 | 0.518 | 102.0 | 1.5 |
| Duplicate | 6350 | 0.530 | 104.4 | 0.7 |
| Triplicate | 6355 | 0.530 | 104.4 | 0.8 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7846 | 0.458 | 95.3 | 0.4 |
| Duplicate | 7940 | 0.463 | 96.4 | 0.8 |
| Triplicate | 7851 | 0.458 | 95.4 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66846**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66846 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.244 | 0.259 | 98.8 | 104.9 | 6.0 |
| MeSH | <PQL | 0.254 | 0.252 | 0.263 | 99.3 | 103.6 | 4.3 |
| DMS | <PQL | 0.240 | 0.219 | 0.231 | 91.2 | 96.1 | 5.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.501 | 101.4 |
| MeSH | 0.508 | 0.542 | 106.8 |
| DMS | 0.481 | 0.443 | 92.2 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*
*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD

250036

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/6-7/25 | 0640 - 0640 | 69577 | 6L Summa Canister | X | X | | | -10 H6 | 001986 / 19510 |
| MS-12 | 1/6-7/25 | 0650 - 0650 | 69578 | 6L Summa Canister | X | X | | | -5 H6 | 002074 / FC76 |
| MS-08 | 1/6-7/25 | 0700 - 0700 | 69579 | 6L Summa Canister | X | X | | | -19 H6 | 001992 / 19596 |
| MS-09 | 1/6-7/25 | 0710 - 0710 | 69580 | 6L Summa Canister | X | X | | | -18 H6 | 002136 / 19504 |
| MS-10 | 1/6-7/25 | 0725 - 0725 | 69581 | 6L Summa Canister | X | X | | | -11 H6 | 002125 / 17589 |
| MS-06 | 1/6-7/25 | 0740 - 0740 | 69582 | 6L Summa Canister | X | X | | | 0 H6 | 001925 / 19507 |
| MS-11 | 1/6-7/25 | 0810 - 0810 | 69583 | 6L Summa Canister | X | X | | | -9 H6 | 002076 / 03527 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 1/7/25 | 0855 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 1/7/25 | 0856 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250036

| | |
|---|---|
| **Client/Project Name** SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | **Project Location** Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| **Sampler: (Print)** D Hernandez | **(Signature)** |
| | **No. Of Containers** 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/6-7/25 | 0640 - 0640 | 69584 | 10 Liter Bag | X | | | | | |
| MS-12 | 1/6-7/25 | 0650 - 0650 | 69585 | 10 Liter Bag | X | | | | | |
| MS-08 | 1/6-7/25 | 0700 - 0700 | 69586 | 10 Liter Bag | X | | | | | |
| MS-09 | 1/6-7/25 | 0710 - 0710 | 69587 | 10 Liter Bag | X | | | | | |
| MS-10 | 1/6-7/25 | 0725 - 0725 | 69588 | 10 Liter Bag | X | | | | | |
| MS-06 | 1/6-7/25 | 0740 - 0740 | 69589 | 10 Liter Bag | X | | | | | |
| MS-11 | 1/6-7/25 | 0810 - 0810 | 69590 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | **Date** 1/7/25 | **Time** 0855 | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** 1/7/25 | **Time** 0857 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | **Date** | **Time** |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

Atmospheric Analysis & Consulting, Inc

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250074
REPORT DATE : 01/17/2024

On January 14, 2025, Atmospheric Analysis & Consulting, Inc. received six (6) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-12 | 250074-69812 | 751.5 |
| MS-08 | 250074-69813 | 632.0 |
| MS-09 | 250074-69814 | 466.0 |
| MS-10 | 250074-69815 | 517.5 |
| MS-06 | 250074-69816 | 709.5 |
| MS-11 | 250074-69817 | 714.0 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 14 pages.


2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250074
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/14/2025
DATE REPORTED : 01/17/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250074-69812 | | | | 250074-69813 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/16/2025 | | | | 01/16/2025 | | | | |
| *Can Dilution Factor* | 1.36 | | | | 1.62 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Propene | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.62 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.68 | 1.02 | | 1 | 0.81 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.79 | <SRL | U | 1 | 8.12 | 5.00 |
| Methanol | <SRL | U | 1 | 6.79 | <SRL | U | 1 | 8.12 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.72 | <SRL | U | 1 | 3.25 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.62 | 1.00 |
| Acetone | <SRL | U | 1 | 2.72 | <SRL | U | 1 | 3.25 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.72 | <SRL | U | 1 | 3.25 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.62 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.62 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.62 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.72 | <SRL | U | 1 | 3.25 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.62 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Hexane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Benzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250074
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/14/2025
DATE REPORTED : 01/17/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250074-69812 | | | | 250074-69813 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/16/2025 | | | | 01/16/2025 | | | | |
| *Can Dilution Factor* | 1.36 | | | | 1.62 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.62 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Heptane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Toluene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.62 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.62 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Styrene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.81 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250074
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/14/2025
DATE REPORTED : 01/17/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250074-69814 | | | | 250074-69815 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/16/2025 | | | | 01/16/2025 | | | | |
| *Can Dilution Factor* | 2.20 | | | | 1.99 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Propene | <SRL | U | 1 | 2.20 | <SRL | U | 1 | 1.99 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 11.0 | <SRL | U | 1 | 9.94 | 5.00 |
| Methanol | <SRL | U | 1 | 11.0 | <SRL | U | 1 | 9.94 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Ethanol | <SRL | U | 1 | 4.40 | <SRL | U | 1 | 3.98 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.20 | <SRL | U | 1 | 1.99 | 1.00 |
| Acetone | <SRL | U | 1 | 4.40 | <SRL | U | 1 | 3.98 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.40 | <SRL | U | 1 | 3.98 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 2.20 | <SRL | U | 1 | 1.99 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.20 | <SRL | U | 1 | 1.99 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 2.20 | <SRL | U | 1 | 1.99 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.40 | <SRL | U | 1 | 3.98 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.20 | <SRL | U | 1 | 1.99 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Hexane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Benzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250074
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/14/2025
DATE REPORTED : 01/17/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250074-69814 | | | | 250074-69815 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/16/2025 | | | | 01/16/2025 | | | | |
| *Can Dilution Factor* | 2.20 | | | | 1.99 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.20 | <SRL | U | 1 | 1.99 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Heptane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Toluene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.20 | <SRL | U | 1 | 1.99 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.20 | <SRL | U | 1 | 1.99 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Styrene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 0.99 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250074
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/14/2025
DATE REPORTED : 01/17/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250074-69816 | | | | 250074-69817 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/16/2025 | | | | 01/16/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 7.12 | 5.00 |
| Methanol | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 7.12 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.85 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.85 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250074
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/14/2025
DATE REPORTED : 01/17/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250074-69816 | | | | 250074-69817 | | | | |
| *Date Sampled* | 01/13/2025 | | | | 01/13/2025 | | | | |
| *Date Analyzed* | 01/16/2025 | | | | 01/16/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*
*LIMONENE ANALYSIS VIA TICs*

CLIENT : SCS Engineers
PROJECT NUMBER : 250074
MATRIX : AIR

DATE RECEIVED : 01/14/2025
DATE REPORTED : 01/17/2025
ANALYST : DL/CH

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF's) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-12 | 250074-69812 | 01/13/2025 | 01/16/2025 | <SRL | 1.36 | 1.0 | 0.68 | 0.5 | 97% |
| MS-08 | 250074-69813 | 01/13/2025 | 01/16/2025 | <SRL | 1.62 | 1.0 | 0.81 | 0.5 | 99% |
| MS-09 | 250074-69814 | 01/13/2025 | 01/16/2025 | <SRL | 2.20 | 1.0 | 1.10 | 0.5 | 96% |
| MS-10 | 250074-69815 | 01/13/2025 | 01/16/2025 | <SRL | 1.99 | 1.0 | 0.99 | 0.5 | 96% |
| MS-06 | 250074-69816 | 01/13/2025 | 01/16/2025 | <SRL | 1.44 | 1.0 | 0.72 | 0.5 | 101% |
| MS-11 | 250074-69817 | 01/13/2025 | 01/16/2025 | <SRL | 1.42 | 1.0 | 0.71 | 0.5 | 97% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/16/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

| *Analyte Compounds* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.87 | 105 |
| Chlorodifluoromethane | 10.20 | 9.01 | 88 |
| Propene | 10.70 | 8.89 | 83 |
| Dichlorodifluoromethane | 10.40 | 10.32 | 99 |
| Dimethyl Ether | 10.10 | 8.50 | 84 |
| Chloromethane | 10.50 | 8.90 | 85 |
| Dichlorotetrafluoroethane | 10.20 | 10.06 | 99 |
| Vinyl Chloride | 10.60 | 9.72 | 92 |
| Acetaldehyde | 20.90 | 18.17 | 87 |
| Methanol | 20.40 | 17.58 | 86 |
| 1,3-Butadiene | 10.70 | 10.11 | 94 |
| Bromomethane | 10.40 | 9.55 | 92 |
| Chloroethane | 10.40 | 8.54 | 82 |
| Dichlorofluoromethane | 10.10 | 9.56 | 95 |
| Ethanol | 11.40 | 9.05 | 79 |
| Vinyl Bromide | 10.10 | 9.42 | 93 |
| Acrolein | 10.90 | 9.49 | 87 |
| Acetone | 10.60 | 9.63 | 91 |
| Trichlorofluoromethane | 10.50 | 10.58 | 101 |
| 2-Propanol (IPA) | 11.00 | 9.43 | 86 |
| Acrylonitrile | 11.10 | 9.21 | 83 |
| 1,1-Dichloroethene | 10.50 | 10.12 | 96 |
| Methylene Chloride (DCM) | 10.40 | 10.08 | 97 |
| TertButanol (TBA) | 11.20 | 10.36 | 93 |
| Allyl Chloride | 10.20 | 9.58 | 94 |
| Carbon Disulfide | 10.50 | 10.31 | 98 |
| Trichlorotrifluoroethane | 10.30 | 9.95 | 97 |
| trans-1,2-Dichloroethene | 10.80 | 11.08 | 103 |
| 1,1-Dichloroethane | 10.70 | 9.91 | 93 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.00 | 93 |
| Vinyl Acetate | 11.00 | 9.52 | 87 |
| 2-Butanone (MEK) | 10.70 | 10.43 | 97 |
| cis-1,2-Dichloroethene | 10.70 | 11.06 | 103 |
| Hexane | 10.80 | 10.41 | 96 |
| Chloroform | 10.70 | 10.78 | 101 |
| Ethyl Acetate | 10.70 | 9.43 | 88 |
| Tetrahydrofuran | 10.40 | 9.72 | 93 |
| 1,2-Dichloroethane | 10.60 | 10.97 | 103 |
| 1,1,1-Trichloroethane | 10.50 | 10.90 | 104 |
| Benzene | 10.70 | 10.59 | 99 |
| Carbon Tetrachloride | 10.30 | 11.03 | 107 |
| Cyclohexane | 10.50 | 9.66 | 92 |

| *Analyte Compounds (Continued)* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 9.89 | 92 |
| Bromodichloromethane | 10.50 | 10.49 | 100 |
| 1,4-Dioxane | 10.50 | 10.21 | 97 |
| Trichloroethene (TCE) | 10.50 | 10.75 | 102 |
| 2,2,4-Trimethylpentane | 10.10 | 9.10 | 90 |
| Methyl Methacrylate | 11.00 | 10.39 | 94 |
| Heptane | 10.50 | 10.04 | 96 |
| cis-1,3-Dichloropropene | 10.50 | 10.38 | 99 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.33 | 89 |
| trans-1,3-Dichloropropene | 10.60 | 10.57 | 100 |
| 1,1,2-Trichloroethane | 10.60 | 9.46 | 89 |
| Toluene | 10.80 | 10.74 | 99 |
| 2-Hexanone (MBK) | 10.50 | 9.37 | 89 |
| Dibromochloromethane | 10.60 | 10.82 | 102 |
| 1,2-Dibromoethane | 10.60 | 10.63 | 100 |
| Tetrachloroethene (PCE) | 10.50 | 11.14 | 106 |
| Chlorobenzene | 10.80 | 10.71 | 99 |
| Ethylbenzene | 10.60 | 10.30 | 97 |
| m & p-Xylene | 21.20 | 21.15 | 100 |
| Bromoform | 10.60 | 10.72 | 101 |
| Styrene | 10.60 | 10.82 | 102 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.38 | 88 |
| o-Xylene | 10.60 | 10.46 | 99 |
| 1,2,3-Trichloropropane | 11.00 | 11.06 | 101 |
| Isopropylbenzene (Cumene) | 10.40 | 10.32 | 99 |
| α-Pinene | 10.80 | 10.37 | 96 |
| 2-Chlorotoluene | 10.30 | 10.61 | 103 |
| n-Propylbenzene | 10.10 | 10.46 | 104 |
| 4-Ethyltoluene | 10.40 | 10.32 | 99 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.45 | 101 |
| β-Pinene | 10.90 | 10.21 | 94 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.34 | 100 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.67 | 94 |
| 1,3-Dichlorobenzene | 10.30 | 10.34 | 100 |
| 1,4-Dichlorobenzene | 10.20 | 10.36 | 102 |
| Sec-ButylBenzene | 10.00 | 9.61 | 96 |
| 1,2-Dichlorobenzene | 10.40 | 10.56 | 102 |
| n-ButylBenzene | 10.20 | 10.15 | 100 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 10.00 | 99 |
| 1,2,4-Trichlorobenzene | 10.50 | 11.12 | 106 |
| Naphthalene | 10.90 | 11.60 | 106 |
| Hexachlorobutadiene | 10.80 | 10.67 | 99 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/16/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS [1] Recovery* | *LCSD [1] Recovery* | *LCS [1] % Recovery [2]* | *LCSD [1] % Recovery [2]* | *RPD [3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.87 | 9.74 | 105 | 104 | 1.3 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.12 | 10.32 | 96 | 98 | 2.0 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 10.08 | 10.21 | 97 | 98 | 1.3 |
| Benzene | 0.0 | 10.70 | 10.59 | 10.49 | 99 | 98 | 0.9 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.75 | 10.90 | 102 | 104 | 1.4 |
| Toluene | 0.0 | 10.80 | 10.74 | 10.65 | 99 | 99 | 0.8 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 11.14 | 10.91 | 106 | 104 | 2.1 |
| Chlorobenzene | 0.0 | 10.80 | 10.71 | 10.88 | 99 | 101 | 1.6 |
| Ethylbenzene | 0.0 | 10.60 | 10.30 | 10.39 | 97 | 98 | 0.9 |
| m & p-Xylene | 0.0 | 21.20 | 21.15 | 20.96 | 100 | 99 | 0.9 |
| o-Xylene | 0.0 | 10.60 | 10.46 | 10.41 | 99 | 98 | 0.5 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 01/16/2025** | **INSTRUMENT ID : GC/MS-04**

**MATRIX : High Purity He or $N_2$** | **ANALYST : DL**

**UNITS : PPB (v/v)**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 011625* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 101% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 011625* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/16/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.44

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250074-69816

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.48 | 9.53 | 0.5 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | <SRL | <SRL | |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol | <SRL | <SRL | |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | <SRL | <SRL | |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone J | 2.46 | 2.49 | 1.2 |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250074

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** / **(Signature)** | **No. Of Containers** |
| D Hernandez | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/13-14/25 | 0640-0643 | 69818 | 10 Liter Bag | X | | | | | |
| MS-12 | 1/13-14/25 | 0650-0650 | 69819 | 10 Liter Bag | X | | | | | |
| MS-08 | 1/13-14/25 | 0700-0700 | 69820 | 10 Liter Bag | X | | | | | |
| MS-09 | 1/13-14/25 | 0710-0710 | 69821 | 10 Liter Bag | X | | | | | |
| MS-10 | 1/13-14/25 | 0725-0725 | 69822 | 10 Liter Bag | X | | | | | |
| MS-06 | 1/13-14/25 | 0740-0740 | 69823 | 10 Liter Bag | X | | | | | |
| MS-11 | 1/13-14/25 | 0800-0800 | 69824 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 1/14/25 | 1000 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 1/14/25 | 1000 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250074

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~MS-07~~ | 1/13-14/25 | 0640 - 0643 | ~~Do Not Analyze~~ | 6L Summa Canister | X | X | | | -22 HG | 001934 / 19512 |
| MS-12 | 1/13-14/25 | 0650 - 0650 | 69812 | 6L Summa Canister | X | X | | | 0 HG | 002005 / 19594 |
| MS-08 | 1/13-14/25 | 0700 - 0700 | 69813 | 6L Summa Canister | X | X | | | -4 HG | 002085 / 19508 |
| MS-09 | 1/13-14/25 | 0710 - 0710 | 69814 | 6L Summa Canister | X | X | | | -19 HG | 002052 / 04604 |
| MS-10 | 1/13-14/25 | 0725 - 0725 | 69815 | 6L Summa Canister | X | X | | | -9 HG | 002148 / 19505 |
| MS-06 | 1/13-14/25 | 0740 - 0740 | 69816 | 6L Summa Canister | X | X | | | -5 HG | 002131 / 17588 |
| MS-11 | 1/13-14/25 | 0800 - 0800 | 69817 | 6L Summa Canister | X | X | | | 0 HG | 001998 / 05096 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 1/14/25 | 1000 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 1/14/25 | 1000 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7x cans (1x void) + 7x coated Fittings

# Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250074
REPORT DATE : 01/16/2025

On January 14th 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags and six (6) Six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-12 | 250074-69812 | 751.5 | MS-07 | 250074-69818 |
| MS-08 | 250074-69813 | 632.0 | MS-12 | 250074-69819 |
| MS-09 | 250074-69814 | 466.0 | MS-08 | 250074-69820 |
| MS-10 | 250074-69815 | 517.5 | MS-09 | 250074-69821 |
| MS-06 | 250074-69816 | 709.5 | MS-10 | 250074-69822 |
| MS-11 | 250074-69817 | 714.0 | MS-06 | 250074-69823 |
| - | - | - | MS-11 | 250074-69824 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250074**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/13-14/2025**
**RECEIVING DATE : 01/14/2025**
**ANALYSIS DATE : 01/15/2025**
**REPORT DATE : 01/16/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | MS-08 | MS-09 | MS-10 | MS-06 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250074-69812 | 250074-69813 | 250074-69814 | 250074-69815 | 250074-69816 | 250074-69817 |
| Canister Dil. Fac. | 1.36 | 1.62 | 2.20 | 1.99 | 1.44 | 1.42 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| COS / SO2 | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Methyl Mercaptan | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Ethyl Mercaptan | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Dimethyl Sulfide | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Carbon Disulfide | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Isopropyl Mercaptan | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| tert-Butyl Mercaptan | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| n-Propyl Mercaptan | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Methylethylsulfide | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| sec-Butyl Mercaptan / Thiophene | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| iso-Butyl Mercaptan | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Diethyl Sulfide | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| n-Butyl Mercaptan | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Dimethyl Disulfide | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| 2-Methylthiophene | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| 3-Methylthiophene | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Tetrahydrothiophene | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Bromothiophene | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Thiophenol | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Diethyl Disulfide | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Total Unidentified Sulfur | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |
| Total Reduced Sulfurs | < 0.007 | < 0.008 | < 0.011 | < 0.010 | < 0.007 | < 0.007 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250074**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/13-14/2025**
**RECEIVING DATE : 01/14/2025**
**ANALYSIS DATE : 01/14/2025**
**REPORT DATE : 01/16/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250074-69818 | 250074-69819 | 250074-69820 | 250074-69821 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250074**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/13-14/2025**
**RECEIVING DATE : 01/14/2025**
**ANALYSIS DATE : 01/14/2025**
**REPORT DATE : 01/16/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250074-69822 | 250074-69823 | 250074-69824 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/14/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7117 | 0.500 | 101.2 | 0.0 |
| Duplicate | 7113 | 0.500 | 101.2 | 0.0 |
| Triplicate | 7111 | 0.500 | 101.2 | 0.0 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6076 | 0.507 | 99.9 | 0.1 |
| Duplicate | 6130 | 0.511 | 100.8 | 1.0 |
| Triplicate | 6006 | 0.501 | 98.7 | 1.1 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7972 | 0.465 | 96.8 | 0.1 |
| Duplicate | 8064 | 0.471 | 98.0 | 1.1 |
| Triplicate | 7905 | 0.461 | 96.0 | 0.9 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.259 | 0.263 | 104.9 | 106.5 | 1.5 |
| MeSH | <PQL | 0.254 | 0.257 | 0.273 | 101.3 | 107.6 | 6.0 |
| DMS | <PQL | 0.240 | 0.241 | 0.255 | 100.3 | 106.1 | 5.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.513 | 103.8 |
| MeSH | 0.508 | 0.538 | 106.0 |
| DMS | 0.481 | 0.448 | 93.2 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*
*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/15/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7274 | 0.511 | 103.5 | 0.2 |
| Duplicate | 7229 | 0.508 | 102.8 | 0.4 |
| Triplicate | 7282 | 0.512 | 103.6 | 0.3 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6333 | 0.528 | 104.1 | 0.1 |
| Duplicate | 6299 | 0.525 | 103.5 | 0.4 |
| Triplicate | 6348 | 0.530 | 104.3 | 0.3 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8057 | 0.470 | 97.9 | 1.5 |
| Duplicate | 7933 | 0.463 | 96.4 | 0.1 |
| Triplicate | 7831 | 0.457 | 95.1 | 1.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.266 | 0.259 | 107.7 | 104.9 | 2.7 |
| MeSH | <PQL | 0.254 | 0.267 | 0.271 | 108.1 | 106.8 | 1.5 |
| DMS | <PQL | 0.240 | 0.231 | 0.237 | 93.5 | 98.6 | 2.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.520 | 105.3 |
| MeSH | 0.508 | 0.542 | 106.8 |
| DMS | 0.481 | 0.438 | 91.2 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*
*MDL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250074

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~MS-07~~ | ~~1/13-14/25~~ | ~~0640 - 0643~~ | ~~Do Not Analyze~~ | ~~6L Summa Canister~~ | ~~x~~ | ~~x~~ | | | ~~-22 H6~~ | ~~001934 / 19512~~ |
| MS-12 | 1/13-14/25 | 0650 - 0650 | 69812 | 6L Summa Canister | x | x | | | 0 H6 | 002005 / 19594 |
| MS-08 | 1/13-14/25 | 0700 - 0700 | 69813 | 6L Summa Canister | x | x | | | -4 H6 | 002085 / 19508 |
| MS-09 | 1/13-14/25 | 0710 - 0710 | 69814 | 6L Summa Canister | x | x | | | -19 H6 | 002052 / 04604 |
| MS-10 | 1/13-14/25 | 0725 - 0725 | 69815 | 6L Summa Canister | x | x | | | -9 H6 | 002148 / 19505 |
| MS-06 | 1/13-14/25 | 0740 - 0740 | 69816 | 6L Summa Canister | x | x | | | -5 H6 | 002131 / 17588 |
| MS-11 | 1/13-14/25 | 0800 - 0800 | 69817 | 6L Summa Canister | x | x | | | 0 H6 | 001998 / 05096 |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 1/14/25 | 1000 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 1/14/25 | 1000 |

| Sample Disposal Method: | Disposed of by: (Signature) | Date | Time |
|---|---|---|---|
| | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250074

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** / **(Signature)** | **No. Of Containers** |
| D Hernandez | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/13-14/25 | 0640-0643 | 69818 | 10 Liter Bag | X | | | | | |
| MS-12 | 1/13-14/25 | 0650-0650 | 69819 | 10 Liter Bag | X | | | | | |
| MS-08 | 1/13-14/25 | 0700-0700 | 69820 | 10 Liter Bag | X | | | | | |
| MS-09 | 1/13-14/25 | 0710-0710 | 69821 | 10 Liter Bag | X | | | | | |
| MS-10 | 1/13-14/25 | 0725-0725 | 69822 | 10 Liter Bag | X | | | | | |
| MS-06 | 1/13-14/25 | 0740-0740 | 69823 | 10 Liter Bag | X | | | | | |
| MS-11 | 1/13-14/25 | 0800-0800 | 69824 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | **Date** 1/14/25 | **Time** 1000 | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** 1/14/25 | **Time** 1000 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | **Date** | **Time** |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita Canyon Landfill Air/Odor Sampling |
| AAC PROJECT NO. | : 250153 |
| REPORT DATE | : 01/27/2025 |

On January 22, 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-07 | 250153-70291 | 602.0 |
| MS-12 | 250153-70292 | 651.0 |
| MS-08 | 250153-70293 | 625.5 |
| MS-09 | 250153-70294 | 636.0 |
| MS-10 | 250153-70295 | 733.5 |
| MS-06 | 250153-70296 | 760.0 |
| MS-11 | 250153-70297 | 495.5 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 16 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250153
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/22/2025
DATE REPORTED : 01/27/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250153-70291 | | | | 250153-70292 | | | | |
| *Date Sampled* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Date Analyzed* | 01/22/2025 | | | | 01/22/2025 | | | | |
| *Can Dilution Factor* | 1.69 | | | | 1.57 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Propene | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.57 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 8.46 | <SRL | U | 1 | 7.87 | 5.00 |
| Methanol | <SRL | U | 1 | 8.46 | <SRL | U | 1 | 7.87 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Ethanol | 12.2 | | 1 | 3.38 | 3.97 | | 1 | 3.15 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.57 | 1.00 |
| Acetone | 32.0 | | 1 | 3.38 | 6.09 | | 1 | 3.15 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.38 | <SRL | U | 1 | 3.15 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.57 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.57 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.57 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.38 | <SRL | U | 1 | 3.15 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.57 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Hexane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Benzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250153
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/22/2025
DATE REPORTED : 01/27/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250153-70291 | | | | 250153-70292 | | | | |
| *Date Sampled* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Date Analyzed* | 01/22/2025 | | | | 01/22/2025 | | | | |
| *Can Dilution Factor* | 1.69 | | | | 1.57 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.57 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Heptane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Toluene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.57 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.57 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Styrene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.85 | <SRL | U | 1 | 0.79 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250153
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/22/2025
DATE REPORTED : 01/27/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250153-70293 | | | | 250153-70294 | | | | |
| *Date Sampled* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Date Analyzed* | 01/22/2025 | | | | 01/22/2025 | | | | |
| *Can Dilution Factor* | 1.63 | | | | 1.61 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Propene | <SRL | U | 1 | 1.63 | <SRL | U | 1 | 1.61 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 8.15 | <SRL | U | 1 | 8.03 | 5.00 |
| Methanol | <SRL | U | 1 | 8.15 | <SRL | U | 1 | 8.03 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.26 | <SRL | U | 1 | 3.21 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.63 | <SRL | U | 1 | 1.61 | 1.00 |
| Acetone | <SRL | U | 1 | 3.26 | 6.41 | | 1 | 3.21 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.26 | <SRL | U | 1 | 3.21 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.63 | <SRL | U | 1 | 1.61 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.63 | <SRL | U | 1 | 1.61 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.63 | <SRL | U | 1 | 1.61 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.26 | <SRL | U | 1 | 3.21 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.63 | <SRL | U | 1 | 1.61 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Hexane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Benzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250153
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/22/2025
DATE REPORTED : 01/27/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250153-70293 | | | | 250153-70294 | | | | |
| *Date Sampled* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Date Analyzed* | 01/22/2025 | | | | 01/22/2025 | | | | |
| *Can Dilution Factor* | 1.63 | | | | 1.61 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.63 | <SRL | U | 1 | 1.61 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Heptane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Toluene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.63 | <SRL | U | 1 | 1.61 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.63 | <SRL | U | 1 | 1.61 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Styrene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.81 | <SRL | U | 1 | 0.80 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250153
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/22/2025
DATE REPORTED : 01/27/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250153-70295 | | | | 250153-70296 | | | | |
| *Date Sampled* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Date Analyzed* | 01/22/2025 | | | | 01/22/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.34 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.34 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | 0.70 | | 1 | 0.67 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.98 | <SRL | U | 1 | 6.71 | 5.00 |
| Methanol | <SRL | U | 1 | 6.98 | <SRL | U | 1 | 6.71 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.68 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.34 | 1.00 |
| Acetone | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.68 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.68 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.34 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.34 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.34 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.79 | <SRL | U | 1 | 2.68 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.34 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250153
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/22/2025
DATE REPORTED : 01/27/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250153-70295 | | | | 250153-70296 | | | | |
| *Date Sampled* | 01/21/2025 | | | | 01/21/2025 | | | | |
| *Date Analyzed* | 01/22/2025 | | | | 01/22/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.34 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.34 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.34 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.34 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.67 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250153
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/22/2025
DATE REPORTED : 01/27/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250153-70297 | | | | |
| *Date Sampled* | 01/21/2025 | | | | |
| *Date Analyzed* | 01/22/2025 | | | | |
| *Can Dilution Factor* | 2.05 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.03 | 0.50 |
| Propene | <SRL | U | 1 | 2.05 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.03 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.03 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.03 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.03 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.03 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 10.3 | 5.00 |
| Methanol | <SRL | U | 1 | 10.3 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.03 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.03 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.03 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.03 | 0.50 |
| Ethanol | <SRL | U | 1 | 4.10 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.03 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.05 | 1.00 |
| Acetone | <SRL | U | 1 | 4.10 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.03 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.10 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 2.05 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.03 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.05 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 1.03 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 2.05 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.10 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.03 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.03 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.03 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.03 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.03 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.05 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.03 | 0.50 |
| Hexane | <SRL | U | 1 | 1.03 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.03 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.03 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.03 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.03 | 0.50 |
| Benzene | <SRL | U | 1 | 1.03 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250153
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/22/2025
DATE REPORTED : 01/27/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250153-70297 | | | | |
| *Date Sampled* | 01/21/2025 | | | | |
| *Date Analyzed* | 01/22/2025 | | | | |
| *Can Dilution Factor* | 2.05 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.03 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.03 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.03 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.05 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.03 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.03 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.03 | 0.50 |
| Heptane | <SRL | U | 1 | 1.03 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.03 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.03 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.03 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.03 | 0.50 |
| Toluene | <SRL | U | 1 | 1.03 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.05 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.03 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.03 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.03 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.03 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.05 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.03 | 0.50 |
| Styrene | <SRL | U | 1 | 1.03 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.03 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.03 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.03 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.03 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.03 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.03 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.03 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.03 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.03 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.03 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.03 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.03 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.03 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.03 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.03 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.03 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.03 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*LIMONENE ANALYSIS VIA TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250153**
**MATRIX : AIR**

**DATE RECEIVED : 01/22/2025**
**DATE REPORTED : 01/27/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF's) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 250153-70291 | 01/21/2025 | 01/22/2025 | 0.56 | 1.69 | 1.0 | 0.85 | 0.5 | 95% |
| MS-12 | 250153-70292 | 01/21/2025 | 01/22/2025 | <SRL | 1.57 | 1.0 | 0.79 | 0.5 | 98% |
| MS-08 | 250153-70293 | 01/21/2025 | 01/22/2025 | <SRL | 1.63 | 1.0 | 0.81 | 0.5 | 101% |
| MS-09 | 250153-70294 | 01/21/2025 | 01/22/2025 | <SRL | 1.61 | 1.0 | 0.80 | 0.5 | 98% |
| MS-10 | 250153-70295 | 01/21/2025 | 01/22/2025 | <SRL | 1.40 | 1.0 | 0.70 | 0.5 | 96% |
| MS-06 | 250153-70296 | 01/21/2025 | 01/22/2025 | <SRL | 1.34 | 1.0 | 0.67 | 0.5 | 100% |
| MS-11 | 250153-70297 | 01/21/2025 | 01/22/2025 | <SRL | 2.05 | 1.0 | 1.03 | 0.5 | 95% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/22/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MSI-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 10.04 | 107 |
| Chlorodifluoromethane | 10.20 | 8.23 | 81 |
| Propene | 10.70 | 7.67 | 72 |
| Dichlorodifluoromethane | 10.40 | 10.01 | 96 |
| Dimethyl Ether | 10.10 | 7.54 | 75 |
| Chloromethane | 10.50 | 7.55 | 72 |
| Dichlorotetrafluoroethane | 10.20 | 9.70 | 95 |
| Vinyl Chloride | 10.60 | 9.14 | 86 |
| Acetaldehyde | 20.90 | 16.83 | 81 |
| Methanol | 20.40 | 16.38 | 80 |
| 1,3-Butadiene | 10.70 | 8.81 | 82 |
| Bromomethane | 10.40 | 9.29 | 89 |
| Chloroethane | 10.40 | 8.34 | 80 |
| Dichlorofluoromethane | 10.10 | 8.63 | 85 |
| Ethanol | 11.40 | 8.43 | 74 |
| Vinyl Bromide | 10.10 | 8.79 | 87 |
| Acrolein | 10.90 | 8.23 | 76 |
| Acetone | 10.60 | 8.65 | 82 |
| Trichlorofluoromethane | 10.50 | 10.16 | 97 |
| 2-Propanol (IPA) | 11.00 | 8.17 | 74 |
| Acrylonitrile | 11.10 | 8.32 | 75 |
| 1,1-Dichloroethene | 10.50 | 9.89 | 94 |
| Methylene Chloride (DCM) | 10.40 | 9.51 | 91 |
| TertButanol (TBA) | 11.20 | 9.61 | 86 |
| Allyl Chloride | 10.20 | 8.76 | 86 |
| Carbon Disulfide | 10.50 | 9.40 | 90 |
| Trichlorotrifluoroethane | 10.30 | 9.31 | 90 |
| trans-1,2-Dichloroethene | 10.80 | 10.44 | 97 |
| 1,1-Dichloroethane | 10.70 | 9.27 | 87 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 9.06 | 85 |
| Vinyl Acetate | 11.00 | 8.21 | 75 |
| 2-Butanone (MEK) | 10.70 | 9.14 | 85 |
| cis-1,2-Dichloroethene | 10.70 | 10.31 | 96 |
| Hexane | 10.80 | 9.43 | 87 |
| Chloroform | 10.70 | 10.19 | 95 |
| Ethyl Acetate | 10.70 | 8.49 | 79 |
| Tetrahydrofuran | 10.40 | 8.98 | 86 |
| 1,2-Dichloroethane | 10.60 | 10.33 | 97 |
| 1,1,1-Trichloroethane | 10.50 | 10.48 | 100 |
| Benzene | 10.70 | 10.01 | 94 |
| Carbon Tetrachloride | 10.30 | 11.27 | 109 |
| Cyclohexane | 10.50 | 9.19 | 88 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 9.59 | 90 |
| Bromodichloromethane | 10.50 | 10.45 | 100 |
| 1,4-Dioxane | 10.50 | 9.84 | 94 |
| Trichloroethene (TCE) | 10.50 | 10.86 | 103 |
| 2,2,4-Trimethylpentane | 10.10 | 8.37 | 83 |
| Methyl Methacrylate | 11.00 | 10.01 | 91 |
| Heptane | 10.50 | 9.59 | 91 |
| cis-1,3-Dichloropropene | 10.50 | 10.14 | 97 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 8.63 | 82 |
| trans-1,3-Dichloropropene | 10.60 | 10.08 | 95 |
| 1,1,2-Trichloroethane | 10.60 | 9.23 | 87 |
| Toluene | 10.80 | 10.35 | 96 |
| 2-Hexanone (MBK) | 10.50 | 8.46 | 81 |
| Dibromochloromethane | 10.60 | 10.78 | 102 |
| 1,2-Dibromoethane | 10.60 | 10.38 | 98 |
| Tetrachloroethene (PCE) | 10.50 | 11.37 | 108 |
| Chlorobenzene | 10.80 | 10.77 | 100 |
| Ethylbenzene | 10.60 | 10.40 | 98 |
| m & p-Xylene | 21.20 | 21.53 | 102 |
| Bromoform | 10.60 | 11.04 | 104 |
| Styrene | 10.60 | 10.79 | 102 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.20 | 87 |
| o-Xylene | 10.60 | 10.54 | 99 |
| 1,2,3-Trichloropropane | 11.00 | 11.08 | 101 |
| Isopropylbenzene (Cumene) | 10.40 | 10.32 | 99 |
| α-Pinene | 10.80 | 10.53 | 98 |
| 2-Chlorotoluene | 10.30 | 11.04 | 107 |
| n-Propylbenzene | 10.10 | 10.62 | 105 |
| 4-Ethyltoluene | 10.40 | 10.49 | 101 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.84 | 105 |
| β-Pinene | 10.90 | 10.16 | 93 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.58 | 103 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.96 | 97 |
| 1,3-Dichlorobenzene | 10.30 | 10.58 | 103 |
| 1,4-Dichlorobenzene | 10.20 | 10.57 | 104 |
| Sec-ButylBenzene | 10.00 | 9.65 | 97 |
| 1,2-Dichlorobenzene | 10.40 | 10.79 | 104 |
| n-ButylBenzene | 10.20 | 10.46 | 103 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 10.38 | 103 |
| 1,2,4-Trichlorobenzene | 10.50 | 11.24 | 107 |
| Naphthalene | 10.90 | 11.59 | 106 |
| Hexachlorobutadiene | 10.80 | 11.77 | 109 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/22/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 10.04 | 9.88 | 107 | 105 | 1.6 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 9.89 | 10.32 | 94 | 98 | 4.3 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 9.51 | 9.96 | 91 | 96 | 4.6 |
| Benzene | 0.0 | 10.70 | 10.01 | 10.06 | 94 | 94 | 0.5 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.86 | 10.79 | 103 | 103 | 0.6 |
| Toluene | 0.0 | 10.80 | 10.35 | 10.13 | 96 | 94 | 2.1 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 11.37 | 10.96 | 108 | 104 | 3.7 |
| Chlorobenzene | 0.0 | 10.80 | 10.77 | 10.35 | 100 | 96 | 4.0 |
| Ethylbenzene | 0.0 | 10.60 | 10.40 | 10.18 | 98 | 96 | 2.1 |
| m & p-Xylene | 0.0 | 21.20 | 21.53 | 20.47 | 102 | 97 | 5.0 |
| o-Xylene | 0.0 | 10.60 | 10.54 | 10.36 | 99 | 98 | 1.7 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/22/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 012225* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 91% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 012225* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/22/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.57

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250153-70292

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.23 | 9.43 | 2.1 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | <SRL | <SRL | |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol | <SRL | <SRL | |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | 3.97 | 4.30 | 8.0 |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone | 6.09 | 5.35 | 12.9 |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250153

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air / Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |

**ANALYSES**

| Sampler: (Print) | (Signature) | No. Of Containers |
|---|---|---|
| D Hernandez | | 7 |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/21-22/25 | 0640 - 0640 | 70298 | 10 Liter Bag | x | | | | | |
| MS-12 | 1/21-22/25 | 0650 - 0650 | 70299 | 10 Liter Bag | x | | | | | |
| ~~MS-08~~ | ~~1/21-22/25~~ | ~~0700 - 0700~~ | Do Not Analyze | ~~10 Liter Bag~~ | x | | | | | |
| MS-09 | 1/21-22/25 | 0710 - 0710 | 70300 | 10 Liter Bag | x | | | | | |
| MS-10 | 1/21-22/25 | 0725 - 0725 | 70301 | 10 Liter Bag | x | | | | | |
| MS-06 | 1/21-22/25 | 0740 - 0740 | 70302 | 10 Liter Bag | x | | | | | |
| MS-11 | 1/21-22/25 | 0805 - 0805 | 70303 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 1/22/25 | 0910 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 1/22/25 | 0910 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250153

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** D Hernandez | **(Signature)** |
| **No. Of Containers** 7 | |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/21-22/25 | 0640 - 0640 | 70291 | 6L Summa Canister | x | x | | | -6 HG | 002093 / 11100 |
| MS-12 | 1/21-22/25 | 0650 - 0650 | 70292 | 6L Summa Canister | x | x | | | -7 HG | 001968 / 19506 |
| MS-08 | 1/21-22/25 | 0700 - 0700 | 70293 | 6L Summa Canister | x | x | | | -8 HG | 001990 / 03527 |
| MS-09 | 1/21-22/25 | 0710 - 0710 | 70294 | 6L Summa Canister | x | x | | | -6 HG | 002042 / 19596 |
| MS-10 | 1/21-22/25 | 0725 - 0725 | 70295 | 6L Summa Canister | x | x | | | 0 HG | 002079 / 19507 |
| MS-06 | 1/21-22/25 | 0740 - 0740 | 70296 | 6L Summa Canister | x | x | | | 0 HG | 002068 / 05097 |
| MS-11 | 1/21-22/25 | 0805 - 0805 | 70297 | 6L Summa Canister | x | x | | | -10 HG | 002092 / 17589 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 1/22/25 | 0910 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 1/22/25 | 0910 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7L can + 7L coated Entechs

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250153
REPORT DATE : 01/27/2025

On January 22nd 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite Canisters, and six (6) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-07 | 250153-70291 | 602.0 | MS-07 | 250153-70298 |
| MS-12 | 250153-70292 | 651.0 | MS-12 | 250153-70299 |
| MS-08 | 250153-70293 | 625.5 | MS-09 | 250153-70300 |
| MS-09 | 250153-70294 | 636.0 | MS-10 | 250153-70301 |
| MS-10 | 250153-70295 | 733.5 | MS-06 | 250153-70302 |
| MS-06 | 250153-70296 | 760.0 | MS-11 | 250153-70303 |
| MS-11 | 250153-70297 | 495.5 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250153**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/21-22/2025**
**RECEIVING DATE : 01/22/2025**
**ANALYSIS DATE : 01/22-23/2025**
**REPORT DATE : 01/27/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250153-70291 | 250153-70292 | 250153-70293 | 250153-70294 |
| Canister Dil. Fac. | 1.69 | 1.57 | 1.63 | 1.61 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| COS / SO2 | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Methyl Mercaptan | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Ethyl Mercaptan | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Dimethyl Sulfide | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Carbon Disulfide | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Isopropyl Mercaptan | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| tert-Butyl Mercaptan | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| n-Propyl Mercaptan | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Methylethylsulfide | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| sec-Butyl Mercaptan / Thiophene | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| iso-Butyl Mercaptan | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Diethyl Sulfide | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| n-Butyl Mercaptan | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Dimethyl Disulfide | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| 2-Methylthiophene | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| 3-Methylthiophene | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Tetrahydrothiophene | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Bromothiophene | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Thiophenol | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Diethyl Disulfide | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Total Unidentified Sulfur | < 0.008 | < 0.008 | < 0.008 | < 0.008 |
| Total Reduced Sulfurs | < 0.008 | < 0.008 | < 0.008 | < 0.008 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250153**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/21-22/2025**
**RECEIVING DATE : 01/22/2025**
**ANALYSIS DATE : 01/22/2025**
**REPORT DATE : 01/27/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250153-70295 | 250153-70296 | 250153-70297 |
| Canister Dil. Fac. | 1.40 | 1.34 | 2.05 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.007 | < 0.007 | < 0.010 |
| COS / SO2 | < 0.007 | < 0.007 | < 0.010 |
| Methyl Mercaptan | < 0.007 | < 0.007 | < 0.010 |
| Ethyl Mercaptan | < 0.007 | < 0.007 | < 0.010 |
| Dimethyl Sulfide | < 0.007 | < 0.007 | < 0.010 |
| Carbon Disulfide | < 0.007 | < 0.007 | < 0.010 |
| Isopropyl Mercaptan | < 0.007 | < 0.007 | < 0.010 |
| tert-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.010 |
| n-Propyl Mercaptan | < 0.007 | < 0.007 | < 0.010 |
| Methylethylsulfide | < 0.007 | < 0.007 | < 0.010 |
| sec-Butyl Mercaptan / Thiophene | < 0.007 | < 0.007 | < 0.010 |
| iso-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.010 |
| Diethyl Sulfide | < 0.007 | < 0.007 | < 0.010 |
| n-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.010 |
| Dimethyl Disulfide | < 0.007 | < 0.007 | < 0.010 |
| 2-Methylthiophene | < 0.007 | < 0.007 | < 0.010 |
| 3-Methylthiophene | < 0.007 | < 0.007 | < 0.010 |
| Tetrahydrothiophene | < 0.007 | < 0.007 | < 0.010 |
| Bromothiophene | < 0.007 | < 0.007 | < 0.010 |
| Thiophenol | < 0.007 | < 0.007 | < 0.010 |
| Diethyl Disulfide | < 0.007 | < 0.007 | < 0.010 |
| Total Unidentified Sulfur | < 0.007 | < 0.007 | < 0.010 |
| Total Reduced Sulfurs | < 0.007 | < 0.007 | < 0.010 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250153**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/21-22/2025**
**RECEIVING DATE : 01/22/2025**
**ANALYSIS DATE : 01/22/2025**
**REPORT DATE : 01/27/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-09 | MS-10 | MS-06 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250153-70298 | 250153-70299 | 250153-70300 | 250153-70301 | 250153-70302 | 250153-70303 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit . x Analysis Dil. Fac.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/22/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7024 | 0.494 | 99.9 | 0.1 |
| Duplicate | 7099 | 0.499 | 101.0 | 0.9 |
| Triplicate | 6980 | 0.491 | 99.3 | 0.8 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6275 | 0.523 | 103.1 | 0.8 |
| Duplicate | 6366 | 0.531 | 104.6 | 0.6 |
| Triplicate | 6338 | 0.529 | 104.2 | 0.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7898 | 0.461 | 95.9 | 0.2 |
| Duplicate | 7940 | 0.463 | 96.4 | 0.3 |
| Triplicate | 7914 | 0.462 | 96.1 | 0.0 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.247 | 0.246 | 100.0 | 99.6 | 0.4 |
| MeSH | <PQL | 0.254 | 0.250 | 0.259 | 98.5 | 102.1 | 3.5 |
| DMS | <PQL | 0.240 | 0.219 | 0.224 | 91.2 | 93.2 | 2.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.516 | 104.5 |
| MeSH | 0.508 | 0.550 | 108.4 |
| DMS | 0.481 | 0.456 | 94.9 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/23/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6974 | 0.490 | 99.2 | 0.0 |
| Duplicate | 7005 | 0.492 | 99.7 | 0.4 |
| Triplicate | 6944 | 0.488 | 98.8 | 0.4 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6332 | 0.528 | 104.1 | 0.5 |
| Duplicate | 6362 | 0.531 | 104.6 | 1.0 |
| Triplicate | 6210 | 0.518 | 102.1 | 1.4 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7857 | 0.459 | 95.4 | 0.7 |
| Duplicate | 7975 | 0.465 | 96.9 | 0.7 |
| Triplicate | 7915 | 0.462 | 96.1 | 0.0 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.223 | 0.233 | 90.3 | 94.3 | 4.4 |
| MeSH | <PQL | 0.254 | 0.242 | 0.259 | 95.4 | 102.1 | 6.8 |
| DMS | <PQL | 0.240 | 0.225 | 0.226 | 93.7 | 94.1 | 0.4 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.480 | 97.2 |
| MeSH | 0.508 | 0.533 | 105.0 |
| DMS | 0.481 | 0.435 | 90.5 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250153

| | |
|---|---|
| Client/Project Name: SCS Engineers / Chiquita Canyon Landfill Air / Odor Sampling | Project Location: Valencia, CA |
| Project No. | Field Logbook No. |
| Sampler: (Print) D Hernandez | (Signature) |
| | No. Of Containers: 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Canister / Controller | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/21-22/25 | 0640 - 0640 | 70291 | 6L Summa Canister | x | x | | | -6 H6 | 002093 / 11100 | |
| MS-12 | 1/21-22/25 | 0650 - 0650 | 70292 | 6L Summa Canister | x | x | | | -7 H6 | 001968 / 19506 | |
| MS-08 | 1/21-22/25 | 0700 - 0700 | 70293 | 6L Summa Canister | x | x | | | -8 H6 | 001990 / 03527 | |
| MS-09 | 1/21-22/25 | 0710 - 0710 | 70294 | 6L Summa Canister | x | x | | | -6 H6 | 002042 / 19596 | |
| MS-10 | 1/21-22/25 | 0725 - 0725 | 70295 | 6L Summa Canister | x | x | | | 0 H6 | 002079 / 19507 | |
| MS-06 | 1/21-22/25 | 0740 - 0740 | 70296 | 6L Summa Canister | x | x | | | 0 H6 | 002068 / 05097 | |
| MS-11 | 1/21-22/25 | 0805 - 0805 | 70297 | 6L Summa Canister | x | x | | | -10 H6 | 002092 / 17589 | |

| | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| Relinquished by: (Signature) | 1/22/25 | 0910 | | | |
| Relinquished by: (Signature) | | | Received by: (Signature) | | |
| Relinquished by: (Signature) | | | Received for Laboratory: (Signature) | 1/22/25 | 0910 |
| Sample Disposal Method: | | | Disposed of by: (Signature) | | |

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory: AAC Ventura

# CHAIN OF CUSTODY RECORD 250153

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air / Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/21-22/25 | 0640 - 0640 | 70298 | 10 Liter Bag | x | | | | | |
| MS-12 | 1/21-22/25 | 0650 - 0650 | 70299 | 10 Liter Bag | x | | | | | |
| ~~MS-08~~ | ~~1/21-22/25~~ | ~~0700 - 0700~~ | ~~Do Not Analyze~~ | ~~10 Liter Bag~~ | ~~x~~ | | | | | |
| MS-09 | 1/21-22/25 | 0710 - 0710 | 70300 | 10 Liter Bag | x | | | | | |
| MS-10 | 1/21-22/25 | 0725 - 0725 | 70301 | 10 Liter Bag | x | | | | | |
| MS-06 | 1/21-22/25 | 0740 - 0740 | 70302 | 10 Liter Bag | x | | | | | |
| MS-11 | 1/21-22/25 | 0805 - 0805 | 70303 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 1/22/25 | 0910 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 1/22/25 | 0910 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250204
REPORT DATE : 01/30/2025

On January 28, 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-07 | 250204-70655 | 777.5 |
| MS-12 | 250204-70656 | 772.5 |
| MS-08 | 250204-70657 | 774.5 |
| MS-09 | 250204-70658 | 774.5 |
| MS-10 | 250204-70659 | 737.5 |
| MS-06 | 250204-70660 | 720.5 |
| MS-11 | 250204-70661 | 744.5 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 15 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250204
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/28/2025
DATE REPORTED : 01/30/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250204-70655 | | | | 250204-70656 | | | | |
| *Date Sampled* | 01/27/2025 | | | | 01/27/2025 | | | | |
| *Date Analyzed* | 01/29/2025 | | | | 01/29/2025 | | | | |
| *Can Dilution Factor* | 1.32 | | | | 1.33 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Propene | <SRL | U | 1 | 1.32 | <SRL | U | 1 | 1.33 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.60 | <SRL | U | 1 | 6.65 | 5.00 |
| Methanol | 7.71 | | 1 | 6.60 | <SRL | U | 1 | 6.65 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethanol | 4.57 | | 1 | 2.64 | <SRL | U | 1 | 2.66 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.32 | <SRL | U | 1 | 1.33 | 1.00 |
| Acetone | <SRL | U | 1 | 2.64 | 2.67 | | 1 | 2.66 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.64 | <SRL | U | 1 | 2.66 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.32 | <SRL | U | 1 | 1.33 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.32 | <SRL | U | 1 | 1.33 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.32 | <SRL | U | 1 | 1.33 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.64 | <SRL | U | 1 | 2.66 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.32 | <SRL | U | 1 | 1.33 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Hexane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Benzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250204
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/28/2025
DATE REPORTED : 01/30/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250204-70655 | | | | 250204-70656 | | | | |
| *Date Sampled* | 01/27/2025 | | | | 01/27/2025 | | | | |
| *Date Analyzed* | 01/29/2025 | | | | 01/29/2025 | | | | |
| *Can Dilution Factor* | 1.32 | | | | 1.33 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.32 | <SRL | U | 1 | 1.33 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Heptane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Toluene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.32 | <SRL | U | 1 | 1.33 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.32 | <SRL | U | 1 | 1.33 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Styrene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.66 | <SRL | U | 1 | 0.67 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250204
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/28/2025
DATE REPORTED : 01/30/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250204-70657 | | | | 250204-70658 | | | | |
| *Date Sampled* | 01/27/2025 | | | | 01/27/2025 | | | | |
| *Date Analyzed* | 01/29/2025 | | | | 01/29/2025 | | | | |
| *Can Dilution Factor* | 1.34 | | | | 1.32 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Propene | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.32 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.71 | <SRL | U | 1 | 6.60 | 5.00 |
| Methanol | <SRL | U | 1 | 6.71 | 8.81 | | 1 | 6.60 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.69 | <SRL | U | 1 | 2.64 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.32 | 1.00 |
| Acetone | <SRL | U | 1 | 2.69 | 4.13 | | 1 | 2.64 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.69 | <SRL | U | 1 | 2.64 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.32 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.32 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.32 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.69 | <SRL | U | 1 | 2.64 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.32 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Hexane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Benzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250204
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/28/2025
DATE REPORTED : 01/30/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) | MS-09 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250204-70657 | | | | 250204-70658 | | | | |
| *Date Sampled* | 01/27/2025 | | | | 01/27/2025 | | | | |
| *Date Analyzed* | 01/29/2025 | | | | 01/29/2025 | | | | |
| *Can Dilution Factor* | 1.34 | | | | 1.32 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.32 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Heptane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Toluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.32 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.32 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Styrene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.66 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250204
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/28/2025
DATE REPORTED : 01/30/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) | MS-06 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250204-70659 | | | | 250204-70660 | | | | |
| *Date Sampled* | 01/27/2025 | | | | 01/27/2025 | | | | |
| *Date Analyzed* | 01/29/2025 | | | | 01/29/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.94 | <SRL | U | 1 | 7.14 | 5.00 |
| Methanol | <SRL | U | 1 | 6.94 | <SRL | U | 1 | 7.14 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.78 | <SRL | U | 1 | 2.86 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | 3.54 | | 1 | 2.78 | 3.74 | | 1 | 2.86 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.78 | <SRL | U | 1 | 2.86 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.78 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250204
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/28/2025
DATE REPORTED : 01/30/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250204-70659 | | | | 250204-70660 | | | | |
| *Date Sampled* | 01/27/2025 | | | | 01/27/2025 | | | | |
| *Date Analyzed* | 01/29/2025 | | | | 01/29/2025 | | | | |
| *Can Dilution Factor* | 1.39 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.39 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250204
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/28/2025
DATE REPORTED : 01/30/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250204-70661 | | | | |
| *Date Sampled* | 01/27/2025 | | | | |
| *Date Analyzed* | 01/29/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | 0.50 |
| Propene | <SRL | U | 1 | 1.38 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.92 | 5.00 |
| Methanol | <SRL | U | 1 | 6.92 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.77 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.38 | 1.00 |
| Acetone | <SRL | U | 1 | 2.77 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.77 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.38 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.38 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.38 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.77 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.38 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | 0.50 |

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250204
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 01/28/2025
DATE REPORTED : 01/30/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250204-70661 | | | | |
| *Date Sampled* | 01/27/2025 | | | | |
| *Date Analyzed* | 01/29/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.38 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.38 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.38 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.69 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/29/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/24/2025 Calibration

| *Analyte Compounds* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.18 | 98 |
| Chlorodifluoromethane | 10.20 | 10.48 | 103 |
| Propene | 10.70 | 10.95 | 102 |
| Dichlorodifluoromethane | 10.40 | 11.46 | 110 |
| Dimethyl Ether | 10.10 | 10.69 | 106 |
| Chloromethane | 10.50 | 10.96 | 104 |
| Dichlorotetrafluoroethane | 10.20 | 10.87 | 107 |
| Vinyl Chloride | 10.60 | 11.09 | 105 |
| Acetaldehyde | 20.90 | 21.53 | 103 |
| Methanol | 20.40 | 20.54 | 101 |
| 1,3-Butadiene | 10.70 | 11.33 | 106 |
| Bromomethane | 10.40 | 10.99 | 106 |
| Chloroethane | 10.40 | 10.69 | 103 |
| Dichlorofluoromethane | 10.10 | 10.30 | 102 |
| Ethanol | 11.40 | 11.21 | 98 |
| Vinyl Bromide | 10.10 | 10.12 | 100 |
| Acrolein | 10.90 | 11.82 | 108 |
| Acetone | 10.60 | 10.50 | 99 |
| Trichlorofluoromethane | 10.50 | 10.52 | 100 |
| 2-Propanol (IPA) | 11.00 | 10.89 | 99 |
| Acrylonitrile | 11.10 | 11.68 | 105 |
| 1,1-Dichloroethene | 10.50 | 10.52 | 100 |
| Methylene Chloride (DCM) | 10.40 | 10.66 | 103 |
| TertButanol (TBA) | 11.20 | 11.53 | 103 |
| Allyl Chloride | 10.20 | 9.11 | 89 |
| Carbon Disulfide | 10.50 | 10.27 | 98 |
| Trichlorotrifluoroethane | 10.30 | 11.58 | 112 |
| trans-1,2-Dichloroethene | 10.80 | 10.81 | 100 |
| 1,1-Dichloroethane | 10.70 | 10.78 | 101 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.98 | 103 |
| Vinyl Acetate | 11.00 | 10.69 | 97 |
| 2-Butanone (MEK) | 10.70 | 10.30 | 96 |
| cis-1,2-Dichloroethene | 10.70 | 10.71 | 100 |
| Hexane | 10.80 | 10.25 | 95 |
| Chloroform | 10.70 | 10.82 | 101 |
| Ethyl Acetate | 10.70 | 10.42 | 97 |
| Tetrahydrofuran | 10.40 | 10.23 | 98 |
| 1,2-Dichloroethane | 10.60 | 10.21 | 96 |
| 1,1,1-Trichloroethane | 10.50 | 10.49 | 100 |
| Benzene | 10.70 | 9.85 | 92 |
| Carbon Tetrachloride | 10.30 | 10.06 | 98 |
| Cyclohexane | 10.50 | 10.31 | 98 |

| *Analyte Compounds (Continued)* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.58 | 99 |
| Bromodichloromethane | 10.50 | 10.50 | 100 |
| 1,4-Dioxane | 10.50 | 10.25 | 98 |
| Trichloroethene (TCE) | 10.50 | 9.60 | 91 |
| 2,2,4-Trimethylpentane | 10.10 | 9.88 | 98 |
| Methyl Methacrylate | 11.00 | 10.68 | 97 |
| Heptane | 10.50 | 10.46 | 100 |
| cis-1,3-Dichloropropene | 10.50 | 10.51 | 100 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 10.18 | 97 |
| trans-1,3-Dichloropropene | 10.60 | 9.84 | 93 |
| 1,1,2-Trichloroethane | 10.60 | 10.61 | 100 |
| Toluene | 10.80 | 10.22 | 95 |
| 2-Hexanone (MBK) | 10.50 | 10.64 | 101 |
| Dibromochloromethane | 10.60 | 10.80 | 102 |
| 1,2-Dibromoethane | 10.60 | 11.10 | 105 |
| Tetrachloroethene (PCE) | 10.50 | 9.87 | 94 |
| Chlorobenzene | 10.80 | 10.68 | 99 |
| Ethylbenzene | 10.60 | 9.77 | 92 |
| m & p-Xylene | 21.20 | 18.01 | 85 |
| Bromoform | 10.60 | 9.47 | 89 |
| Styrene | 10.60 | 10.43 | 98 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 10.31 | 97 |
| o-Xylene | 10.60 | 9.53 | 90 |
| 1,2,3-Trichloropropane | 11.00 | 10.63 | 97 |
| Isopropylbenzene (Cumene) | 10.40 | 10.08 | 97 |
| α-Pinene | 10.80 | 10.14 | 94 |
| 2-Chlorotoluene | 10.30 | 9.93 | 96 |
| n-Propylbenzene | 10.10 | 9.82 | 97 |
| 4-Ethyltoluene | 10.40 | 9.80 | 94 |
| 1,3,5-Trimethylbenzene | 10.30 | 9.29 | 90 |
| β-Pinene | 10.90 | 10.03 | 92 |
| 1,2,4-Trimethylbenzene | 10.30 | 9.90 | 96 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.63 | 93 |
| 1,3-Dichlorobenzene | 10.30 | 9.92 | 96 |
| 1,4-Dichlorobenzene | 10.20 | 9.92 | 97 |
| Sec-ButylBenzene | 10.00 | 9.22 | 92 |
| 1,2-Dichlorobenzene | 10.40 | 9.85 | 95 |
| n-ButylBenzene | 10.20 | 9.91 | 97 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 9.59 | 95 |
| 1,2,4-Trichlorobenzene | 10.50 | 10.20 | 97 |
| Naphthalene | 10.90 | 11.08 | 102 |
| Hexachlorobutadiene | 10.80 | 10.02 | 93 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 01/29/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-010825-01**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS [1] Recovery* | *LCSD [1] Recovery* | *LCS [1] % Recovery [2]* | *LCSD [1] % Recovery [2]* | *RPD [3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.18 | 9.42 | 98 | 100 | 2.6 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.52 | 10.01 | 100 | 95 | 5.0 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 10.66 | 10.06 | 103 | 97 | 5.8 |
| Benzene | 0.0 | 10.70 | 9.85 | 9.74 | 92 | 91 | 1.1 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 9.60 | 9.66 | 91 | 92 | 0.6 |
| Toluene | 0.0 | 10.80 | 10.22 | 9.92 | 95 | 92 | 3.0 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 9.87 | 9.68 | 94 | 92 | 1.9 |
| Chlorobenzene | 0.0 | 10.80 | 10.68 | 10.76 | 99 | 100 | 0.7 |
| Ethylbenzene | 0.0 | 10.60 | 9.77 | 9.64 | 92 | 91 | 1.3 |
| m & p-Xylene | 0.0 | 21.20 | 18.01 | 22.40 | 85 | 106 | 21.7 |
| o-Xylene | 0.0 | 10.60 | 9.53 | 9.50 | 90 | 90 | 0.3 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 01/29/2025** | **INSTRUMENT ID : GC/MS-04**

**MATRIX : High Purity He or $N_2$** | **ANALYST : DL**

**UNITS : PPB (v/v)**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 012925* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 98% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 012925* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/29/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.32

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250204-70655

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.42 | 9.26 | 1.7 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | <SRL | <SRL | |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol | 7.71 | 7.34 | 4.9 |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | 4.57 | 4.21 | 8.1 |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone J | 2.40 | 2.32 | 3.4 |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250204

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister/Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/27-28/25 | 0640-0640 | 70655 | 6L Summa Canister | x | x | | | 0 HG | 002113 / 19594 |
| MS-12 | 1/27-28/25 | 0655-0655 | 70656 | 6L Summa Canister | x | x | | | 0 HG | 001928 / 17587 |
| MS-08 | 1/27-28/25 | 0705-0705 | 70657 | 6L Summa Canister | x | x | | | 0 HG | 002155 / 05096 |
| MS-09 | 1/27-28/25 | 0715-0715 | 70658 | 6L Summa Canister | x | x | | | -1 HG | 002143 / 03608 |
| MS-10 | 1/27-28/25 | 0730-0730 | 70659 | 6L Summa Canister | x | x | | | 0 HG | 001940 / 19508 |
| MS-06 | 1/27-28/25 | 0745-0745 | 70660 | 6L Summa Canister | x | x | | | -6 HG | 002103 / 17588 |
| MS-11 | 1/27-28/25 | 0800-0800 | 70661 | 6L Summa Canister | x | x | | | 0 HG | 002064 / 19505 |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 1/28/25 | 0855 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 1/23/25 | 0858 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | **Date** | **Time** |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7L cans + 7L Coated Bottles

# CHAIN OF CUSTODY RECORD 250204

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air / Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/27-28/25 | 0640 - 0640 | 70662 | 10 Liter Bag | x | | | | | |
| MS-12 | 1/27-28/25 | 0655 - 0655 | 70663 | 10 Liter Bag | x | | | | | |
| MS-08 | 1/27-28/25 | 0705 - 0705 | 70664 | 10 Liter Bag | x | | | | | |
| MS-09 | 1/27-28/25 | 0715 - 0715 | 70665 | 10 Liter Bag | x | | | | | |
| MS-10 | 1/27-28/25 | 0730 - 0730 | 70666 | 10 Liter Bag | x | | | | | |
| MS-06 | 1/27-28/25 | 0745 - 0745 | 70667 | 10 Liter Bag | x | | | | | |
| ~~MS-11~~ | ~~1/27-28/25~~ | 0800 - 0800 | Do Not Analyze | ~~10 Liter Bag~~ | x | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 1/28/25 | 0855 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 1/28/25 | 0858 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250204
REPORT DATE : 01/30/2025

On January 28th 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite Canisters, and six (6) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-07 | 250204-70655 | 777.5 | MS-07 | 250204-70662 |
| MS-12 | 250204-70656 | 772.5 | MS-12 | 250204-70663 |
| MS-08 | 250204-70657 | 774.5 | MS-08 | 250204-70664 |
| MS-09 | 250204-70658 | 774.5 | MS-09 | 250204-70665 |
| MS-10 | 250204-70659 | 737.5 | MS-10 | 250204-70666 |
| MS-06 | 250204-70660 | 720.5 | MS-06 | 250204-70667 |
| MS-11 | 250204-70661 | 744.5 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250204**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/27-28/2025**
**RECEIVING DATE : 01/28/2025**
**ANALYSIS DATE : 01/29/2025**
**REPORT DATE : 01/30/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250204-70655 | 250204-70656 | 250204-70657 | 250204-70658 |
| Canister Dil. Fac. | 1.32 | 1.33 | 1.34 | 1.32 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| COS / SO2 | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Methyl Mercaptan | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Ethyl Mercaptan | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Dimethyl Sulfide | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Carbon Disulfide | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Isopropyl Mercaptan | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| tert-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| n-Propyl Mercaptan | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Methylethylsulfide | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| sec-Butyl Mercaptan / Thiophene | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| iso-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Diethyl Sulfide | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| n-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Dimethyl Disulfide | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| 2-Methylthiophene | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| 3-Methylthiophene | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Tetrahydrothiophene | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Bromothiophene | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Thiophenol | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Diethyl Disulfide | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Total Unidentified Sulfur | < 0.007 | < 0.007 | < 0.007 | < 0.007 |
| Total Reduced Sulfurs | < 0.007 | < 0.007 | < 0.007 | < 0.007 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 250204
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 01/27-28/2025
RECEIVING DATE : 01/28/2025
ANALYSIS DATE : 01/29/2025
REPORT DATE : 01/30/2025

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250204-70659 | 250204-70660 | 250204-70661 |
| Canister Dil. Fac. | 1.39 | 1.43 | 1.38 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.007 | < 0.007 | < 0.007 |
| COS / SO2 | < 0.007 | < 0.007 | < 0.007 |
| Methyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Ethyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Dimethyl Sulfide | < 0.007 | < 0.007 | < 0.007 |
| Carbon Disulfide | < 0.007 | < 0.007 | < 0.007 |
| Isopropyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| tert-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| n-Propyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Methylethylsulfide | < 0.007 | < 0.007 | < 0.007 |
| sec-Butyl Mercaptan / Thiophene | < 0.007 | < 0.007 | < 0.007 |
| iso-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Diethyl Sulfide | < 0.007 | < 0.007 | < 0.007 |
| n-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Dimethyl Disulfide | < 0.007 | < 0.007 | < 0.007 |
| 2-Methylthiophene | < 0.007 | < 0.007 | < 0.007 |
| 3-Methylthiophene | < 0.007 | < 0.007 | < 0.007 |
| Tetrahydrothiophene | < 0.007 | < 0.007 | < 0.007 |
| Bromothiophene | < 0.007 | < 0.007 | < 0.007 |
| Thiophenol | < 0.007 | < 0.007 | < 0.007 |
| Diethyl Disulfide | < 0.007 | < 0.007 | < 0.007 |
| Total Unidentified Sulfur | < 0.007 | < 0.007 | < 0.007 |
| Total Reduced Sulfurs | < 0.007 | < 0.007 | < 0.007 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250204**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 01/27-28/2025**
**RECEIVING DATE : 01/28/2025**
**ANALYSIS DATE : 01/28/2025**
**REPORT DATE : 01/30/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 | MS-10 | MS-06 |
|---|---|---|---|---|---|---|
| AAC ID | 250204-70662 | 250204-70663 | 250204-70664 | 250204-70665 | 250204-70666 | 250204-70667 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit . x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/28/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7151 | 0.503 | 101.7 | 1.3 |
| Duplicate | 7200 | 0.506 | 102.4 | 2.0 |
| Triplicate | 6834 | 0.480 | 97.2 | 3.2 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6247 | 0.521 | 102.7 | 0.2 |
| Duplicate | 6223 | 0.519 | 102.3 | 0.6 |
| Triplicate | 6313 | 0.527 | 103.8 | 0.8 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7858 | 0.459 | 95.4 | 1.0 |
| Duplicate | 8083 | 0.472 | 98.2 | 1.9 |
| Triplicate | 7861 | 0.459 | 95.5 | 0.9 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.249 | 0.251 | 100.8 | 101.6 | 0.8 |
| MeSH | <PQL | 0.254 | 0.244 | 0.266 | 96.2 | 104.8 | 8.6 |
| DMS | <PQL | 0.240 | 0.227 | 0.22 | 94.5 | 91.6 | 3.1 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.465 | 94.1 |
| MeSH | 0.508 | 0.514 | 101.3 |
| DMS | 0.481 | 0.439 | 91.4 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 1/29/2025**
**Analyst: NR/DM**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 09/13/2024**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7051 | 0.495 | 100.3 | 0.4 |
| Duplicate | 7112 | 0.500 | 101.2 | 1.3 |
| Triplicate | 6907 | 0.485 | 98.2 | 1.7 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 6190 | 0.516 | 101.7 | 1.4 |
| Duplicate | 6288 | 0.524 | 103.3 | 0.2 |
| Triplicate | 6350 | 0.530 | 104.4 | 1.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7922 | 0.462 | 96.2 | 0.3 |
| Duplicate | 7925 | 0.463 | 96.3 | 0.3 |
| Triplicate | 7848 | 0.458 | 95.3 | 0.6 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID. 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.233 | 0.246 | 94.3 | 99.6 | 5.4 |
| MeSH | <PQL | 0.254 | 0.248 | 0.251 | 97.7 | 98.9 | 1.2 |
| DMS | <PQL | 0.240 | 0.231 | 0.228 | 96.1 | 94.9 | 1.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.511 | 103.4 |
| MeSH | 0.508 | 0.541 | 106.6 |
| DMS | 0.481 | 0.444 | 92.4 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250204

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister/ Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/27-28/25 | 0640 - 0640 | 70655 | 6L Summa Canister | x | x | | | 0 HG | 002113 / 19594 |
| MS-12 | 1/27-28/25 | 0655 - 0655 | 70656 | 6L Summa Canister | x | x | | | 0 HG | 001928 / 17587 |
| MS-08 | 1/27-28/25 | 0705 - 0705 | 70657 | 6L Summa Canister | x | x | | | 0 HG | 002155 / 05096 |
| MS-09 | 1/27-28/25 | 0715 - 0715 | 70658 | 6L Summa Canister | x | x | | | -1 HG | 002143 / 03608 |
| MS-10 | 1/27-28/25 | 0730 - 0730 | 70659 | 6L Summa Canister | x | x | | | 0 HG | 001940 / 19508 |
| MS-06 | 1/27-28/25 | 0745 - 0745 | 70660 | 6L Summa Canister | x | x | | | -6 HG | 002103 / 17588 |
| MS-11 | 1/27-28/25 | 0800 - 0800 | 70661 | 6L Summa Canister | x | x | | | 0 HG | 002064 / 19505 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 1/28/25 | 0855 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 1/28/25 | 0858 |

**Sample Disposal Method:**

**Disposed of by: (Signature)**

**Date** | **Time**

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250204

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 1/27-28/25 | 0640 - 0640 | 70662 | 10 Liter Bag | x | | | | | |
| MS-12 | 1/27-28/25 | 0655 - 0655 | 70663 | 10 Liter Bag | x | | | | | |
| MS-08 | 1/27-28/25 | 0705 - 0705 | 70664 | 10 Liter Bag | x | | | | | |
| MS-09 | 1/27-28/25 | 0715 - 0715 | 70665 | 10 Liter Bag | x | | | | | |
| MS-10 | 1/27-28/25 | 0730 - 0730 | 70666 | 10 Liter Bag | x | | | | | |
| MS-06 | 1/27-28/25 | 0745 - 0745 | 70667 | 10 Liter Bag | x | | | | | |
| ~~MS-11~~ | ~~1/27-28/25~~ | 0800 - 0800 | Do Not Analyze | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 1/28/25 | 0855 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 1/28/25 | 0858 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

March 21, 2025
File No. 01204123.21

Dr. Muntu Davis, M.D., M.P.H.
Health Officer
Department of Public Health
Environmental Health
5050 Commerce Drive
Baldwin Park, California 91706

**Subject:** **Monthly Enhanced Air Monitoring Program Data, February 2025, Chiquita Canyon Landfill**

Dear Dr. Davis:

This submittal has been prepared for the Los Angeles County Department of Public Health (DPH), by **SCS Engineers** (SCS) on behalf of Chiquita Canyon, LLC (Chiquita) as part of the monthly reporting recommendation outlined in the August 15, 2023 letter from Chiquita to DPH (Workplan).

In accordance with the Workplan, SCS has prepared this submittal which contains analytical data from both weekly sampling as well as continuous monitoring data from two enhanced monitoring stations (MS-10 micro-GC and MS-12 micro-GC). A description of the data contained in the submittal is provided below.

## Weekly Sampling Data

Weekly sampling data includes discrete grab samples at all 12 existing air monitoring stations (MS-01 through MS-12) (see **Figure 1**) for an expanded list of volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (EPA) Method 15 (TO-15), sulfur compounds via South Coast Air Quality Management District (SCAQMD) Method 307.91, and odor using a Scentroid SS400 Six Station Portable Olfactometer (SS400), which is a method compliant with E679-04. Results for the February 2025 weekly grab samples and odor samples are found in **Attachment A** and **Attachment B** respectively.

In addition, the weekly raw analytical data also includes 24-hour samples at each of the seven off-site monitoring station locations (MS-06 through MS-12). Samples are analyzed for the same constituents as the weekly grab sample analysis. Results for the February 2025 24-hr samples are found in **Attachment C.**

## Enhanced Continuous Monitoring Data

In August 2023, SCS installed continuous air monitoring modules at existing stations MS-04 and MS-12. The monitors analyze benzene, toluene, ethylbenzene, and total xylenes (BTEX) as well as total reduced sulfur (TRS). The intent of the new monitor module installation was to evaluate the data to determine whether these modules should be incorporated into the existing air monitoring stations on a permanent basis by comparing the data to laboratory data and trending the data to see how the real-time data correlates with the laboratory data from samples collected at the same time.

The BTEX and TRS units have since been removed from all stations, consistent with the Enhanced Air Monitoring Program Modification Workplan dated January 29, 2024 and submitted to DPH and SCAQMD.

In response to the modified Stipulated Oder for Abatement (SOFA) issued by SCAQMD on January 17, 2024, two micro-GC units were installed at MS-10 and MS-12 by the May 1, 2024 deadline. The continuous air monitoring results are hosted online through the Chiquita Canyon website. As of September 2024, eight micro-GC were brought online as part of an expansion of the Enhanced Air Monitoring Program. A link to the real time, continuous data is found below:

https://chiquitacanyon.com/reports/community-air-monitoring-program/

If you have any questions in regard to this submittal, please contact either of the undersigned at (562) 426-9544.

Sincerely,



Stipe Markotic
Staff Scientist
**SCS Engineers**



Raymond H. Huff, REPA
Project Director
**SCS Engineers**

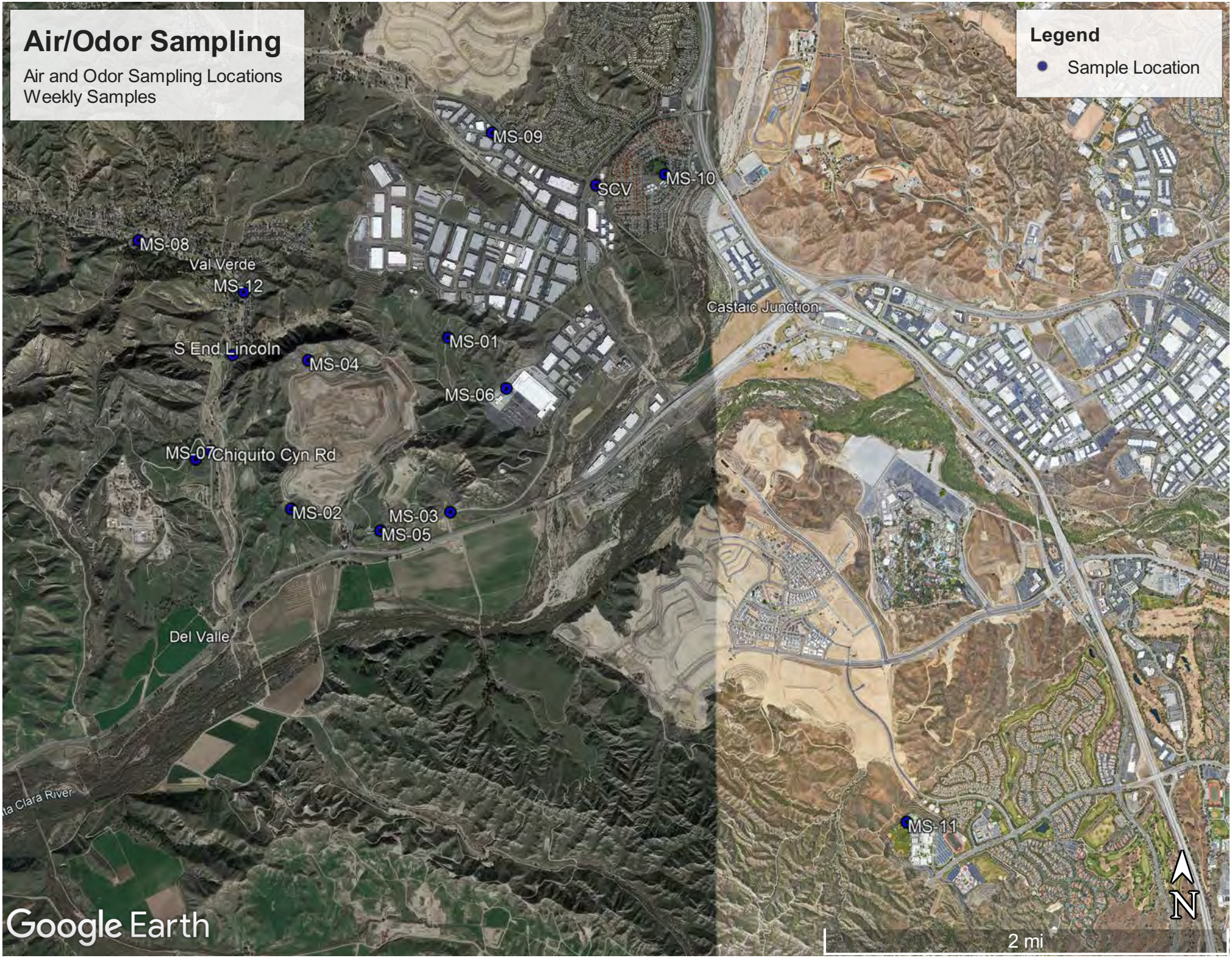
attachments

cc (w/attachments):

Victor Yip (SCAQMD)
Pablo Sanchez-Soria (CTEH)
Edgar De La Torre (LA County Department of Regional Planning)
David Nguyen (PW)
Douglas Cross (Water Resources Control Board)
Shikari Nakagawa-Ota (DPH)
Liza Frias (DPH)
Nichole Quick (DPH)
Joshua Bobrowsky (DPH)
Jacob Kraemer (DPH)
Robert Ragland (DPH)
Blaine McPhillips (County Counsel),
Mark Como (DPH)
Steve Cassulo (CCL)

# FIGURE 1

# MAP OF AIR MONITORING LOCATIONS


Air/Odor Sampling
Air and Odor Sampling Locations
Weekly Samples
Legend
Sample Location
MS-09
SCV
MS-10
MS-08
Val Verde
MS-12
Castaic Junction
MS-01
S End Lincoln
MS-04
MS-06
MS-07
Chiquito Cyn Rd
MS-02
MS-03
MS-05
Del Valle
MS-11
N
2 mi
Google Earth

# ATTACHMENT A

# WEEKLY GRAB SAMPLE LABORATORY ANALYTICAL DATA

# Atmospheric Analysis & Consulting, Inc

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 250268
REPORT DATE : 02/06/2025

On February 3, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250268-70983 | 715.5 | S End Lincoln | 250268-70992 | 712.5 |
| MS-07 | 250268-70984 | 708.5 | MS-01 | 250268-70993 | 708.0 |
| MS-08 | 250268-70985 | 703.0 | MS-02 | 250268-70994 | 704.5 |
| MS-09 | 250268-70986 | 707.0 | MS-03 | 250268-70995 | 719.0 |
| MS-10 | 250268-70987 | 727.5 | MS-04 | 250268-70996 | 598.5 |
| MS-11 | 250268-70988 | 713.0 | MS-05 | 250268-70997 | 710.0 |
| MS-12 | 250268-70989 | 710.5 | Working Face | 250268-70998 | 704.0 |
| SCV | 250268-70990 | 716.0 | Reaction | 250268-70999 | 704.5 |
| Chiquito Cyn Rd | 250268-70991 | 713.0 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70983 | | | | 250268-70984 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.21 | 5.00 |
| Methanol | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.21 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.88 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | 5.69 | | 1 | 2.87 | 3.44 | | 1 | 2.88 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.88 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) | MS-07 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70983 | | | | 250268-70984 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 103% | | | | 103% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70985 | | | | 250268-70986 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.26 | <SRL | U | 1 | 7.27 | 5.00 |
| Methanol | <SRL | U | 1 | 7.26 | <SRL | U | 1 | 7.27 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.91 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | 2.93 | | 1 | 2.90 | 4.07 | | 1 | 2.91 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.91 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.91 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70985 | | | | 250268-70986 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70987 | | | | 250268-70988 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | 0.73 | | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.04 | <SRL | U | 1 | 7.14 | 5.00 |
| Methanol | <SRL | U | 1 | 7.04 | <SRL | U | 1 | 7.14 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.85 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | 4.28 | | 1 | 2.82 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.85 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70987 | | | | 250268-70988 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 104% | | | 70-130% |

U - Compound was not detected at or above the SRL.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70989 | | | | 250268-70990 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.18 | 5.00 |
| Methanol | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.18 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | 5.04 | | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | 3.58 | | 1 | 2.87 | 3.62 | | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | 17.4 | | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70989 | | | | 250268-70990 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 103% | | | | 103% | | | 70-130% |

U - Compound was not detected at or above the SRL.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70991 | | | | 250268-70992 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.18 | 5.00 |
| Methanol | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.18 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.86 | 9.15 | | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | 3.75 | | 1 | 2.86 | 3.20 | | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70991 | | | | 250268-70992 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70993 | | | | 250268-70994 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.22 | <SRL | U | 1 | 7.21 | 5.00 |
| Methanol | <SRL | U | 1 | 7.22 | <SRL | U | 1 | 7.21 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.88 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.89 | 3.91 | | 1 | 2.88 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.88 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70993 | | | | 250268-70994 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70995 | | | | 250268-70996 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.70 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.70 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 8.50 | 5.00 |
| Methanol | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 8.50 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 3.40 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.70 | 1.00 |
| Acetone | 3.50 | | 1 | 2.88 | 3.47 | | 1 | 3.40 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 3.40 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.70 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.70 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.70 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 3.40 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.70 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) | MS-04 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70995 | | | | 250268-70996 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.70 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.70 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.70 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.70 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.85 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70997 | | | | 250268-70998 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 7.24 | 5.00 |
| Methanol | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 7.24 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.90 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | 2.88 | | 1 | 2.88 | 4.43 | | 1 | 2.90 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.90 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.90 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250268-70997 | | | | 250268-70998 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250268-70999 | | | | |
| *Date Sampled* | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.22 | 5.00 |
| Methanol | <SRL | U | 1 | 7.22 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.89 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | 3.48 | | 1 | 2.89 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.89 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250268
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/03/2025
DATE REPORTED : 02/06/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250268-70999 | | | | |
| *Date Sampled* | 02/03/2025 | | | | |
| *Date Analyzed* | 02/04/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250268**
**MATRIX : AIR**

**DATE RECEIVED : 02/03/2025**
**DATE REPORTED : 02/06/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250268-70983 | 02/03/2025 | 02/04/2025 | <SRL | 1.43 | 1.0 | 103% |
| MS-07 | 250268-70984 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 103% |
| MS-08 | 250268-70985 | 02/03/2025 | 02/04/2025 | <SRL | 1.45 | 1.0 | 100% |
| MS-09 | 250268-70986 | 02/03/2025 | 02/04/2025 | <SRL | 1.45 | 1.0 | 102% |
| MS-10 | 250268-70987 | 02/03/2025 | 02/04/2025 | <SRL | 1.41 | 1.0 | 102% |
| MS-11 | 250268-70988 | 02/03/2025 | 02/04/2025 | <SRL | 1.43 | 1.0 | 104% |
| MS-12 | 250268-70989 | 02/03/2025 | 02/04/2025 | <SRL | 1.43 | 1.0 | 103% |
| SCV | 250268-70990 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 103% |
| Chiquito Cyn Rd | 250268-70991 | 02/03/2025 | 02/04/2025 | <SRL | 1.43 | 1.0 | 101% |
| S End Lincoln | 250268-70992 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-01 | 250268-70993 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 100% |
| MS-02 | 250268-70994 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 102% |
| MS-03 | 250268-70995 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-04 | 250268-70996 | 02/03/2025 | 02/04/2025 | <SRL | 1.70 | 1.0 | 101% |
| MS-05 | 250268-70997 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 101% |
| Working Face | 250268-70998 | 02/03/2025 | 02/04/2025 | <SRL | 1.45 | 1.0 | 101% |
| Reaction | 250268-70999 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 100% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250268**
**MATRIX : AIR**

**DATE RECEIVED : 02/03/2025**
**DATE REPORTED : 02/06/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250268-70983 | 02/03/2025 | 02/04/2025 | <SRL | 1.43 | 1.0 | 103% |
| MS-07 | 250268-70984 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 103% |
| MS-08 | 250268-70985 | 02/03/2025 | 02/04/2025 | <SRL | 1.45 | 1.0 | 100% |
| MS-09 | 250268-70986 | 02/03/2025 | 02/04/2025 | <SRL | 1.45 | 1.0 | 102% |
| MS-10 | 250268-70987 | 02/03/2025 | 02/04/2025 | <SRL | 1.41 | 1.0 | 102% |
| MS-11 | 250268-70988 | 02/03/2025 | 02/04/2025 | <SRL | 1.43 | 1.0 | 104% |
| MS-12 | 250268-70989 | 02/03/2025 | 02/04/2025 | <SRL | 1.43 | 1.0 | 103% |
| SCV | 250268-70990 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 103% |
| Chiquito Cyn Rd | 250268-70991 | 02/03/2025 | 02/04/2025 | <SRL | 1.43 | 1.0 | 101% |
| S End Lincoln | 250268-70992 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-01 | 250268-70993 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 100% |
| MS-02 | 250268-70994 | 02/03/2025 | 02/04/2025 | 1.04 | 1.44 | 1.0 | 102% |
| MS-03 | 250268-70995 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-04 | 250268-70996 | 02/03/2025 | 02/04/2025 | <SRL | 1.70 | 1.0 | 101% |
| MS-05 | 250268-70997 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 101% |
| Working Face | 250268-70998 | 02/03/2025 | 02/04/2025 | <SRL | 1.45 | 1.0 | 101% |
| Reaction | 250268-70999 | 02/03/2025 | 02/04/2025 | <SRL | 1.44 | 1.0 | 100% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/04/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/24/2025 Calibration

| *Analyte Compounds* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 10.11 | 108 |
| Chlorodifluoromethane | 10.20 | 8.23 | 81 |
| Propene | 10.70 | 7.94 | 74 |
| Dichlorodifluoromethane | 10.40 | 11.17 | 107 |
| Dimethyl Ether | 10.10 | 7.27 | 72 |
| Chloromethane | 10.50 | 7.38 | 70 |
| Dichlorotetrafluoroethane | 10.20 | 11.88 | 116 |
| Vinyl Chloride | 10.60 | 9.58 | 90 |
| Acetaldehyde | 20.90 | 15.09 | 72 |
| Methanol | 20.40 | 14.34 | 70 |
| 1,3-Butadiene | 10.70 | 8.75 | 82 |
| Bromomethane | 10.40 | 11.41 | 110 |
| Chloroethane | 10.40 | 9.20 | 88 |
| Dichlorofluoromethane | 10.10 | 9.37 | 93 |
| Ethanol | 11.40 | 7.99 | 70 |
| Vinyl Bromide | 10.10 | 10.55 | 104 |
| Acrolein | 10.90 | 8.83 | 81 |
| Acetone | 10.60 | 8.28 | 78 |
| Trichlorofluoromethane | 10.50 | 11.12 | 106 |
| 2-Propanol (IPA) | 11.00 | 7.97 | 72 |
| Acrylonitrile | 11.10 | 9.10 | 82 |
| 1,1-Dichloroethene | 10.50 | 11.14 | 106 |
| Methylene Chloride (DCM) | 10.40 | 10.51 | 101 |
| TertButanol (TBA) | 11.20 | 9.94 | 89 |
| Allyl Chloride | 10.20 | 7.66 | 75 |
| Carbon Disulfide | 10.50 | 10.01 | 95 |
| Trichlorotrifluoroethane | 10.30 | 10.96 | 106 |
| trans-1,2-Dichloroethene | 10.80 | 11.22 | 104 |
| 1,1-Dichloroethane | 10.70 | 9.40 | 88 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.59 | 99 |
| Vinyl Acetate | 11.00 | 8.09 | 74 |
| 2-Butanone (MEK) | 10.70 | 10.39 | 97 |
| cis-1,2-Dichloroethene | 10.70 | 11.12 | 104 |
| Hexane | 10.80 | 9.95 | 92 |
| Chloroform | 10.70 | 10.64 | 99 |
| Ethyl Acetate | 10.70 | 8.19 | 77 |
| Tetrahydrofuran | 10.40 | 10.20 | 98 |
| 1,2-Dichloroethane | 10.60 | 9.44 | 89 |
| 1,1,1-Trichloroethane | 10.50 | 10.79 | 103 |
| Benzene | 10.70 | 9.90 | 93 |
| Carbon Tetrachloride | 10.30 | 11.11 | 108 |
| Cyclohexane | 10.50 | 10.65 | 101 |

| *Analyte Compounds (Continued)* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 9.72 | 91 |
| Bromodichloromethane | 10.50 | 10.52 | 100 |
| 1,4-Dioxane | 10.50 | 10.80 | 103 |
| Trichloroethene (TCE) | 10.50 | 11.02 | 105 |
| 2,2,4-Trimethylpentane | 10.10 | 8.39 | 83 |
| Methyl Methacrylate | 11.00 | 10.99 | 100 |
| Heptane | 10.50 | 10.24 | 98 |
| cis-1,3-Dichloropropene | 10.50 | 10.72 | 102 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.03 | 86 |
| trans-1,3-Dichloropropene | 10.60 | 10.27 | 97 |
| 1,1,2-Trichloroethane | 10.60 | 11.37 | 107 |
| Toluene | 10.80 | 10.53 | 98 |
| 2-Hexanone (MBK) | 10.50 | 9.26 | 88 |
| Dibromochloromethane | 10.60 | 12.18 | 115 |
| 1,2-Dibromoethane | 10.60 | 12.06 | 114 |
| Tetrachloroethene (PCE) | 10.50 | 11.22 | 107 |
| Chlorobenzene | 10.80 | 11.80 | 109 |
| Ethylbenzene | 10.60 | 10.28 | 97 |
| m & p-Xylene | 21.20 | 19.61 | 93 |
| Bromoform | 10.60 | 11.15 | 105 |
| Styrene | 10.60 | 11.52 | 109 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 10.88 | 103 |
| o-Xylene | 10.60 | 10.34 | 98 |
| 1,2,3-Trichloropropane | 11.00 | 12.04 | 109 |
| Isopropylbenzene (Cumene) | 10.40 | 11.12 | 107 |
| α-Pinene | 10.80 | 10.68 | 99 |
| 2-Chlorotoluene | 10.30 | 11.59 | 113 |
| n-Propylbenzene | 10.10 | 10.99 | 109 |
| 4-Ethyltoluene | 10.40 | 11.11 | 107 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.57 | 103 |
| β-Pinene | 10.90 | 11.62 | 107 |
| 1,2,4-Trimethylbenzene | 10.30 | 11.31 | 110 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 10.90 | 106 |
| 1,3-Dichlorobenzene | 10.30 | 11.48 | 111 |
| 1,4-Dichlorobenzene | 10.20 | 11.59 | 114 |
| Sec-ButylBenzene | 10.00 | 10.18 | 102 |
| 1,2-Dichlorobenzene | 10.40 | 11.56 | 111 |
| n-ButylBenzene | 10.20 | 11.19 | 110 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 11.55 | 114 |
| 1,2,4-Trichlorobenzene | 10.50 | 12.70 | 121 |
| Naphthalene | 10.90 | 13.44 | 123 |
| Hexachlorobutadiene | 10.80 | 12.50 | 116 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/04/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 10.11 | 10.00 | 108 | 106 | 1.1 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 11.14 | 11.20 | 106 | 107 | 0.5 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 10.51 | 10.54 | 101 | 101 | 0.3 |
| Benzene | 0.0 | 10.70 | 9.90 | 9.92 | 93 | 93 | 0.2 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 11.02 | 10.61 | 105 | 101 | 3.8 |
| Toluene | 0.0 | 10.80 | 10.53 | 10.29 | 98 | 95 | 2.3 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 11.22 | 11.22 | 107 | 107 | 0.0 |
| Chlorobenzene | 0.0 | 10.80 | 11.80 | 11.46 | 109 | 106 | 2.9 |
| Ethylbenzene | 0.0 | 10.60 | 10.28 | 10.23 | 97 | 97 | 0.5 |
| m & p-Xylene | 0.0 | 21.20 | 19.61 | 19.41 | 93 | 92 | 1.0 |
| o-Xylene | 0.0 | 10.60 | 10.34 | 10.22 | 98 | 96 | 1.2 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/04/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 020425* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 99% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 020425* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/04/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x60.14

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250229-70739

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.59 | 9.75 | 1.7 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | 76.4 | 77.6 | 1.6 |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | 693 | 616 | 11.8 |
| Methanol | 339 | 357 | 5.2 |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | 737 | 753 | 2.2 |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone | 586 | 596 | 1.7 |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) J | 46.3 | 44.5 | 4.0 |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide J | 80.0 | 81.2 | 1.5 |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | 2590 | 2620 | 0.9 |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | 83.0 | 87.2 | 4.9 |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250268

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS |
|---|---|---|---|---|---|
| MS-06 | 70983 | 2/3 | 1144 | summa 1 | X |
| MS-07 | 70984 | | 1305 | | X |
| MS-08 | 70985 | | 1334 | | X |
| MS-09 | 70986 | | 1344 | | X |
| MS-10 | 70987 | | 1107 | | X |
| MS-11 | 70988 | | 1123 | | X |
| MS-12 | 70989 | | 1527 | | X |
| SCV | 70990 | | 1058 | | X |
| Chiquito Cyn Rd | 70991 | | 1313 | | X |
| S. End Lincoln | 70992 | ✓ | 1320 | | X |
| | | | | | |
| | | | | | |

**LAB USE ONLY**
Lab ID:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Received Chilled:
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | |
|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | Date / Time | **Received By** Print: Signature: |
| **Relinquished By** Print: Signature: | Date / Time | **Received By** Print: Signature: |

Date 2/3/25 Time 1458

D/O - 17x Cans

250268

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 70993 | 2/3 | 1226 | summa 1 | X | | | | |
| MS-02 | 70994 | | 1256 | | X | | | | |
| MS-03 | 70995 | | 1152 | | X | | | | |
| MS-04 | 70996 | | 1210 | | X | | | | |
| MS-05 | 70997 | | 1213 | | X | | | | |
| Working Face | 70998 | | 1209 | | X | | | | |
| Reaction | 70999 | ↓ | 1247 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Received Chart
Total Cans
Unused Cans
New Containers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** 2/3/25 **Time** 1458 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250268

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71000 | 2/3 | 1144 | tedlar 1 | X | | | | |
| MS-07 | 71001 | \| | 1305 | | X | | | | |
| MS-08 | 71002 | \| | 1334 | | X | | | | |
| MS-09 | 71003 | \| | 1344 | | X | | | | |
| MS-10 | 71004 | \| | 1108 | | X | | | | |
| MS-11 | 71005 | \| | 1123 | | X | | | | |
| MS-12 | 71006 | \| | 1327 | | X | | | | |
| SCV | 71007 | \| | 1038 | | X | | | | |
| Chiquito Cyn Rd | 71008 | ✓ | 1313 | | X | | | | |
| S. End Lincoln | 71009 | | 1320 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature
Thermometer ID
Initials
Required Temp.
Total Containers
Unused Containers
Head Correction

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** 2/3/25 **Time** 1458 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250268

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h
- ☐ Same Day
- ☐ Rush 48 h
- ☐ 5 Days
- ☒ Rush 72 h
- ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 71010 | 2/3 | 1226 | tedlar 1 | X | | | | |
| MS-02 | 71011 | 2/3 | 1236 | | X | | | | |
| MS-03 | 71012 | 2/3 | 1152 | | X | | | | |
| MS-04 | 71013 | 2/3 | 1240 | | X | | | | |
| MS-05 | 71014 | 2/3 | 1213 | | X | | | | |
| Working Face | 71015 | 2/3 | 1204 | | X | | | | |
| Reaction | 71016 | 2/3 | 1247 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID:
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature
Thermometer ID
Initials
Ambient Chart
Total Cans
Unused Cans
New Containers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | **Date** Time | **Received By** Print: Signature: | **Date** 2/3/25 **Time** 1458 |
| **Relinquished By** Print: Signature: | **Date** Time | **Received By** Print: Signature: | **Date** Time |

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita ON/OFF |
| PROJECT NUMBER | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250268 |
| REPORT DATE | : 02/06/2025 |

On February 3rd 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250268-71000 | S. End Lincoln | 250268-71009 |
| MS-07 | 250268-71001 | MS-01 | 250268-71010 |
| MS-08 | 250268-71002 | MS-02 | 250268-71011 |
| MS-09 | 250268-71003 | MS-03 | 250268-71012 |
| MS-10 | 250268-71004 | MS-04 | 250268-71013 |
| MS-11 | 250268-71005 | MS-05 | 250268-71014 |
| MS-12 | 250268-71006 | Working Face | 250268-71015 |
| SCV | 250268-71007 | Reaction | 250268-71016 |
| Chiquito Cyn Rd | 250268-71008 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250268**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/03/2025**
**RECEIVING DATE : 02/03/2025**
**ANALYSIS DATE : 02/03-04/2025**
**REPORT DATE : 02/06/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250268-71000 | 250268-71001 | 250268-71002 | 250268-71003 | 250268-71004 | 250268-71005 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



1225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250268**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/03/2025**
**RECEIVING DATE : 02/03/2025**
**ANALYSIS DATE : 02/03-04/2025**
**REPORT DATE : 02/06/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250268-71006 | 250268-71007 | 250268-71008 | 250268-71009 | 250268-71010 | 250268-71011 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



1225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250268**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/03/2025**
**RECEIVING DATE : 02/03/2025**
**ANALYSIS DATE : 02/03-04/2025**
**REPORT DATE : 02/06/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250268-71012 | 250268-71013 | 250268-71014 | 250268-71015 | 250268-71016 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



7225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed:** 2/3/2025
**Analyst:** NR
**Units:** ppbV

**Instrument ID :** SCD#10
**Calb. Date: :** 01/04/25

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 29966 | 494 | 99.9 | 2.4 |
| Duplicate | 29278 | 482 | 97.7 | 0.1 |
| Triplicate | 28532 | 470 | 95.2 | 2.5 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 27289 | 493 | 97.2 | 1.5 |
| Duplicate | 28265 | 511 | 100.7 | 2.0 |
| Triplicate | 27593 | 499 | 98.3 | 0.4 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 32892 | 497 | 103.4 | 0.0 |
| Duplicate | 33109 | 500 | 104.1 | 0.7 |
| Triplicate | 32635 | 493 | 102.6 | 0.7 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID** 242742-66848

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID** 242742-66848 x2

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 253.3 | 256.0 | 102.6 | 103.6 | 1.0 |
| MeSH | <PQL | 253.8 | 246.4 | 268.5 | 97.1 | 105.8 | 8.6 |
| DMS | <PQL | 240.3 | 248.7 | 252.5 | 103.5 | 105.1 | 1.5 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 513.0 | 103.9 |
| MeSH | 507.5 | 502.9 | 99.1 |
| DMS | 480.5 | 516.0 | 107.4 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/3/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7519 | 0.478 | 96.7 | 1.3 |
| Duplicate | 7803 | 0.496 | 100.3 | 2.5 |
| Triplicate | 7525 | 0.478 | 96.7 | 1.2 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7080 | 0.485 | 95.6 | 1.7 |
| Duplicate | 7327 | 0.502 | 98.9 | 1.8 |
| Triplicate | 7191 | 0.493 | 97.0 | 0.1 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7741 | 0.471 | 98.0 | 3.8 |
| Duplicate | 8251 | 0.502 | 104.4 | 2.6 |
| Triplicate | 8137 | 0.495 | 103.0 | 1.2 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.239 | 0.243 | 96.8 | 98.4 | 1.7 |
| MeSH | <PQL | 0.254 | 0.251 | 0.232 | 98.9 | 91.4 | 7.9 |
| DMS | <PQL | 0.240 | 0.230 | 0.243 | 95.7 | 101.1 | 5.5 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.476 | 96.4 |
| MeSH | 0.508 | 0.476 | 93.8 |
| DMS | 0.481 | 0.458 | 95.3 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/4/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 01/04/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 29261 | 482 | 97.6 | 4.1 |
| Duplicate | 31195 | 514 | 104.0 | 2.2 |
| Triplicate | 31089 | 512 | 103.7 | 1.9 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 27187 | 492 | 96.9 | 4.6 |
| Duplicate | 28891 | 522 | 102.9 | 1.3 |
| Triplicate | 29450 | 532 | 104.9 | 3.3 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 32814 | 496 | 103.2 | 0.3 |
| Duplicate | 32961 | 498 | 103.7 | 0.1 |
| Triplicate | 32980 | 498 | 103.7 | 0.2 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250268-71002**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250268-71002 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 256.9 | 262.0 | 104.0 | 106.1 | 1.9 |
| MeSH | <PQL | 253.8 | 252.5 | 264.9 | 99.5 | 104.4 | 4.8 |
| DMS | <PQL | 240.3 | 246.3 | 257.1 | 102.5 | 107.0 | 4.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 494.8 | 100.2 |
| MeSH | 507.5 | 500.2 | 98.6 |
| DMS | 480.5 | 508.0 | 105.7 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/4/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7794 | 0.495 | 100.2 | 1.0 |
| Duplicate | 7761 | 0.493 | 99.8 | 0.6 |
| Triplicate | 7600 | 0.483 | 97.7 | 1.5 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7185 | 0.492 | 97.0 | 0.8 |
| Duplicate | 7160 | 0.490 | 96.6 | 0.4 |
| Triplicate | 7050 | 0.483 | 95.1 | 1.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7859 | 0.478 | 99.5 | 1.0 |
| Duplicate | 7860 | 0.478 | 99.5 | 1.1 |
| Triplicate | 7615 | 0.463 | 96.4 | 2.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250268-71011**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250268-71011 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.230 | 0.248 | 93.1 | 100.4 | 7.5 |
| MeSH | <PQL | 0.254 | 0.230 | 0.231 | 90.6 | 91.0 | 0.4 |
| DMS | <PQL | 0.240 | 0.217 | 0.220 | 90.3 | 91.6 | 1.4 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.462 | 93.5 |
| MeSH | 0.508 | 0.475 | 93.6 |
| DMS | 0.481 | 0.460 | 95.7 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250268

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71000 | 2/3 | 1149 | tedlar 1 | X | | | | |
| MS-07 | 71001 | 1 | 1305 | | X | | | | |
| MS-08 | 71002 | 1 | 1334 | | X | | | | |
| MS-09 | 71003 | 1 | 1544 | | X | | | | |
| MS-10 | 71004 | 1 | 1108 | | X | | | | |
| MS-11 | 71005 | 1 | 1125 | | X | | | | |
| MS-12 | 71006 | 1 | 1327 | | X | | | | |
| SCV | 71007 | 1 | 1058 | | X | | | | |
| Chiquito Cyn Rd | 71008 | ↓ | 1313 | | X | | | | |
| S. End Lincoln | 71009 | | 1320 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID

**LAB USE ONLY**
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature: °C
Thermometer ID
Initials
Returned Cont.
Total Cans
Unused Cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | Date / Time | **Received By** Print: Signature: | Date 2/3/25 Time 1458 |
| **Relinquished By** Print: Signature: | Date / Time | **Received By** Print: Signature: | Date / Time |

250268

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Huff
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR |
|---|---|---|---|---|---|
| MS-01 | 71010 | 2/3 | 1226 | tedlar 1 | X |
| MS-02 | 71011 | 2/3 | 1256 | | X |
| MS-03 | 71012 | 2/3 | 1152 | | X |
| MS-04 | 71013 | 2/3 | 1240 | | X |
| MS-05 | 71014 | 2/3 | 1215 | | X |
| Working Face | 71015 | 2/3 | 1209 | | X |
| Reaction | 71016 | 2/3 | 1247 | | X |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**LAB USE ONLY**

Lab ID

Sample Received via:
- ☐ Fedex
- ☐ UPS
- ☐ Courier
- ☐ Other

Temperature: ____ °C

Thermometer ID: ____

Initials: ____

Returned Cont: ____

Total Cans: ____

Unused cans: ____

Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
- ☐ Yes
- ☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Huff Signature: | Date / Time | **Received By** Print: Signature: | Date 2/3/25 Time 1458 |
| **Relinquished By** Print: Signature: | Date / Time | **Received By** Print: Signature: | Date / Time |

250268

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS |
|---|---|---|---|---|---|
| MS-06 | 70983 | 2/3 | 1149 | summa 1 | X |
| MS-07 | 70984 | \| | 1505 | | X |
| MS-08 | 70985 | \| | 1334 | | X |
| MS-09 | 70986 | \| | 1349 | | X |
| MS-10 | 70987 | \| | 1107 | | X |
| MS-11 | 70988 | \| | 1123 | | X |
| MS-12 | 70989 | \| | 1327 | | X |
| SCV | 70990 | \| | 1057 | | X |
| Chiquito Cyn Rd | 70991 | \| | 1313 | | X |
| S. End Lincoln | 70992 | ✓ | 1320 | | X |
| | | | | | |
| | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature °C
Thermometer ID
Initials
Returned Cont.
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Aidan Wells | | Print: | 2/3/25 |
| Signature: | Time | Signature: | Time 1458 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |

D/O - 17 Cans

250268

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 70993 | 2/3 | 1226 | summa 1 | X | | | | |
| MS-02 | 70994 | | 1256 | | X | | | | |
| MS-03 | 70995 | | 1152 | | X | | | | |
| MS-04 | 70996 | | 1210 | | X | | | | |
| MS-05 | 70997 | | 1213 | | X | | | | |
| Working Face | 70998 | | 1209 | | X | | | | |
| Reaction | 70999 | ↓ | 1247 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**

| Lab ID | Sample Received via: |
|---|---|
| | ☐FedEx |
| | ☐UPS |
| | ☐Courier |
| | ☐Other |
| | Temperature: °C |
| | Thermometer ID |
| | Initials |
| | Returned Cont. |
| | Total Cans: |
| | Unused cans: |
| | Flow Controllers: |

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | Date / Time | **Received By** Print: Signature: | Date: 2/3/25 Time 1458 |
| **Relinquished By** Print: Signature: | Date / Time | **Received By** Print: Signature: | Date / Time |

Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 250328
REPORT DATE : 02/14/2025

On February 10, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-01 | 250328-71257 | 706.0 | MS-08 | 250328-71266 | 705.0 |
| MS-02 | 250328-71258 | 707.0 | MS-09 | 250328-71267 | 711.0 |
| MS-03 | 250328-71259 | 712.0 | MS-10 | 250328-71268 | 718.0 |
| MS-04 | 250328-71260 | 710.0 | MS-11 | 250328-71269 | 721.0 |
| MS-05 | 250328-71261 | 712.0 | MS-12 | 250328-71270 | 717.0 |
| Working Face | 250328-71262 | 716.0 | SCV | 250328-71271 | 720.5 |
| Reaction | 250328-71263 | 713.0 | Chiquito Cyn Rd | 250328-71272 | 711.5 |
| MS-06 | 250328-71264 | 723.0 | S. End Lincoln | 250328-71273 | 717.5 |
| MS-07 | 250328-71265 | 716.5 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sudha Parmar, Ph.D.
Technical Director

This report consists of 28 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71257 | | | | 250328-71258 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.24 | <SRL | U | 1 | 7.22 | 5.00 |
| Methanol | 29.6 | | 1 | 7.24 | 23.1 | | 1 | 7.22 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.89 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.89 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71257 | | | | 250328-71258 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 103% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71259 | | | | 250328-71260 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.19 | 5.00 |
| Methanol | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.19 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71259 | | | | 250328-71260 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 103% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71261 | | | | 250328-71262 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 7.12 | 5.00 |
| Methanol | 7.98 | | 1 | 7.20 | <SRL | U | 1 | 7.12 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.85 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.85 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71261 | | | | 250328-71262 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71263 | | | | 250328-71264 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | 0.83 | | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.14 | <SRL | U | 1 | 7.03 | 5.00 |
| Methanol | 14.6 | | 1 | 7.14 | <SRL | U | 1 | 7.03 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | 3.01 | | 1 | 2.86 | <SRL | U | 1 | 2.81 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | 3.37 | | 1 | 2.86 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.81 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | 1.54 | | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | 1.23 | | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | 0.99 | | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71263 | | | | 250328-71264 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 104% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71265 | | | | 250328-71266 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.22 | 5.00 |
| Methanol | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.22 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | 4.75 | | 1 | 2.87 | <SRL | U | 1 | 2.89 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.89 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71265 | | | | 250328-71266 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71267 | | | | 250328-71268 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.19 | <SRL | U | 1 | 7.08 | 5.00 |
| Methanol | 7.26 | | 1 | 7.19 | <SRL | U | 1 | 7.08 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | 4.72 | | 1 | 2.88 | <SRL | U | 1 | 2.83 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | 5.06 | | 1 | 2.88 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.83 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71267 | | | | 250328-71268 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 105% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71269 | | | | 250328-71270 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.04 | <SRL | U | 1 | 7.11 | 5.00 |
| Methanol | <SRL | U | 1 | 7.04 | <SRL | U | 1 | 7.11 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.85 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.85 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71269 | | | | 250328-71270 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 105% | | | | 105% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71271 | | | | 250328-71272 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.11 | <SRL | U | 1 | 7.19 | 5.00 |
| Methanol | <SRL | U | 1 | 7.11 | <SRL | U | 1 | 7.19 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.88 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.88 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250328-71271 | | | | 250328-71272 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.44 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 105% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250328-71273 | | | | |
| *Date Sampled* | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.14 | 5.00 |
| Methanol | <SRL | U | 1 | 7.14 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.86 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.86 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250328
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/10/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250328-71273 | | | | |
| *Date Sampled* | 02/10/2025 | | | | |
| *Date Analyzed* | 02/11/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.43 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250328**
**MATRIX : AIR**

**DATE RECEIVED : 02/10/2025**
**DATE REPORTED : 02/14/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-01 | 250328-71257 | 02/10/2025 | 02/11/2025 | <SRL | 1.45 | 1.0 | 103% |
| MS-02 | 250328-71258 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-03 | 250328-71259 | 02/10/2025 | 02/11/2025 | <SRL | 1.43 | 1.0 | 103% |
| MS-04 | 250328-71260 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 102% |
| MS-05 | 250328-71261 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 102% |
| Working Face | 250328-71262 | 02/10/2025 | 02/11/2025 | <SRL | 1.42 | 1.0 | 101% |
| Reaction | 250328-71263 | 02/10/2025 | 02/11/2025 | 1.21 | 1.43 | 1.0 | 104% |
| MS-06 | 250328-71264 | 02/10/2025 | 02/11/2025 | <SRL | 1.41 | 1.0 | 101% |
| MS-07 | 250328-71265 | 02/10/2025 | 02/11/2025 | <SRL | 1.43 | 1.0 | 102% |
| MS-08 | 250328-71266 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 100% |
| MS-09 | 250328-71267 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-10 | 250328-71268 | 02/10/2025 | 02/11/2025 | <SRL | 1.42 | 1.0 | 105% |
| MS-11 | 250328-71269 | 02/10/2025 | 02/11/2025 | <SRL | 1.41 | 1.0 | 105% |
| MS-12 | 250328-71270 | 02/10/2025 | 02/11/2025 | <SRL | 1.42 | 1.0 | 105% |
| SCV | 250328-71271 | 02/10/2025 | 02/11/2025 | <SRL | 1.42 | 1.0 | 102% |
| Chiquito Cyn Rd | 250328-71272 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 105% |
| S. End Lincoln | 250328-71273 | 02/10/2025 | 02/11/2025 | <SRL | 1.43 | 1.0 | 102% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250328**
**MATRIX : AIR**

**DATE RECEIVED : 02/10/2025**
**DATE REPORTED : 02/14/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-01 | 250328-71257 | 02/10/2025 | 02/11/2025 | <SRL | 1.45 | 1.0 | 103% |
| MS-02 | 250328-71258 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-03 | 250328-71259 | 02/10/2025 | 02/11/2025 | <SRL | 1.43 | 1.0 | 103% |
| MS-04 | 250328-71260 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 102% |
| MS-05 | 250328-71261 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 102% |
| Working Face | 250328-71262 | 02/10/2025 | 02/11/2025 | <SRL | 1.42 | 1.0 | 101% |
| Reaction | 250328-71263 | 02/10/2025 | 02/11/2025 | <SRL | 1.43 | 1.0 | 104% |
| MS-06 | 250328-71264 | 02/10/2025 | 02/11/2025 | <SRL | 1.41 | 1.0 | 101% |
| MS-07 | 250328-71265 | 02/10/2025 | 02/11/2025 | <SRL | 1.43 | 1.0 | 102% |
| MS-08 | 250328-71266 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 100% |
| MS-09 | 250328-71267 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 101% |
| MS-10 | 250328-71268 | 02/10/2025 | 02/11/2025 | <SRL | 1.42 | 1.0 | 105% |
| MS-11 | 250328-71269 | 02/10/2025 | 02/11/2025 | <SRL | 1.41 | 1.0 | 105% |
| MS-12 | 250328-71270 | 02/10/2025 | 02/11/2025 | <SRL | 1.42 | 1.0 | 105% |
| SCV | 250328-71271 | 02/10/2025 | 02/11/2025 | <SRL | 1.42 | 1.0 | 102% |
| Chiquito Cyn Rd | 250328-71272 | 02/10/2025 | 02/11/2025 | <SRL | 1.44 | 1.0 | 105% |
| S. End Lincoln | 250328-71273 | 02/10/2025 | 02/11/2025 | <SRL | 1.43 | 1.0 | 102% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/11/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/24/2025 Calibration

| *Analyte Compounds* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.55 | 102 |
| Chlorodifluoromethane | 10.20 | 8.46 | 83 |
| Propene | 10.70 | 8.27 | 77 |
| Dichlorodifluoromethane | 10.40 | 11.20 | 108 |
| Dimethyl Ether | 10.10 | 7.63 | 76 |
| Chloromethane | 10.50 | 7.81 | 74 |
| Dichlorotetrafluoroethane | 10.20 | 11.88 | 116 |
| Vinyl Chloride | 10.60 | 9.58 | 90 |
| Acetaldehyde | 20.90 | 15.67 | 75 |
| Methanol | 20.40 | 14.50 | 71 |
| 1,3-Butadiene | 10.70 | 9.18 | 86 |
| Bromomethane | 10.40 | 11.38 | 109 |
| Chloroethane | 10.40 | 9.32 | 90 |
| Dichlorofluoromethane | 10.10 | 9.59 | 95 |
| Ethanol | 11.40 | 8.09 | 71 |
| Vinyl Bromide | 10.10 | 10.60 | 105 |
| Acrolein | 10.90 | 9.54 | 88 |
| Acetone | 10.60 | 8.65 | 82 |
| Trichlorofluoromethane | 10.50 | 11.07 | 105 |
| 2-Propanol (IPA) | 11.00 | 7.99 | 73 |
| Acrylonitrile | 11.10 | 9.30 | 84 |
| 1,1-Dichloroethene | 10.50 | 11.18 | 106 |
| Methylene Chloride (DCM) | 10.40 | 11.05 | 106 |
| TertButanol (TBA) | 11.20 | 9.98 | 89 |
| Allyl Chloride | 10.20 | 7.85 | 77 |
| Carbon Disulfide | 10.50 | 10.35 | 99 |
| Trichlorotrifluoroethane | 10.30 | 11.54 | 112 |
| trans-1,2-Dichloroethene | 10.80 | 11.58 | 107 |
| 1,1-Dichloroethane | 10.70 | 10.22 | 96 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.93 | 102 |
| Vinyl Acetate | 11.00 | 8.74 | 79 |
| 2-Butanone (MEK) | 10.70 | 10.47 | 98 |
| cis-1,2-Dichloroethene | 10.70 | 11.47 | 107 |
| Hexane | 10.80 | 9.97 | 92 |
| Chloroform | 10.70 | 11.12 | 104 |
| Ethyl Acetate | 10.70 | 8.39 | 78 |
| Tetrahydrofuran | 10.40 | 10.21 | 98 |
| 1,2-Dichloroethane | 10.60 | 9.68 | 91 |
| 1,1,1-Trichloroethane | 10.50 | 11.13 | 106 |
| Benzene | 10.70 | 10.41 | 97 |
| Carbon Tetrachloride | 10.30 | 11.32 | 110 |
| Cyclohexane | 10.50 | 10.62 | 101 |

| *Analyte Compounds (Continued)* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.36 | 97 |
| Bromodichloromethane | 10.50 | 11.01 | 105 |
| 1,4-Dioxane | 10.50 | 10.70 | 102 |
| Trichloroethene (TCE) | 10.50 | 11.35 | 108 |
| 2,2,4-Trimethylpentane | 10.10 | 8.99 | 89 |
| Methyl Methacrylate | 11.00 | 11.11 | 101 |
| Heptane | 10.50 | 10.86 | 103 |
| cis-1,3-Dichloropropene | 10.50 | 10.92 | 104 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.24 | 88 |
| trans-1,3-Dichloropropene | 10.60 | 10.57 | 100 |
| 1,1,2-Trichloroethane | 10.60 | 11.52 | 109 |
| Toluene | 10.80 | 10.89 | 101 |
| 2-Hexanone (MBK) | 10.50 | 9.54 | 91 |
| Dibromochloromethane | 10.60 | 12.27 | 116 |
| 1,2-Dibromoethane | 10.60 | 12.19 | 115 |
| Tetrachloroethene (PCE) | 10.50 | 11.62 | 111 |
| Chlorobenzene | 10.80 | 12.13 | 112 |
| Ethylbenzene | 10.60 | 10.71 | 101 |
| m & p-Xylene | 21.20 | 19.84 | 94 |
| Bromoform | 10.60 | 11.02 | 104 |
| Styrene | 10.60 | 11.54 | 109 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 10.70 | 101 |
| o-Xylene | 10.60 | 10.38 | 98 |
| 1,2,3-Trichloropropane | 11.00 | 11.47 | 104 |
| Isopropylbenzene (Cumene) | 10.40 | 10.89 | 105 |
| α-Pinene | 10.80 | 10.65 | 99 |
| 2-Chlorotoluene | 10.30 | 11.20 | 109 |
| n-Propylbenzene | 10.10 | 10.77 | 107 |
| 4-Ethyltoluene | 10.40 | 10.75 | 103 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.44 | 101 |
| β-Pinene | 10.90 | 11.30 | 104 |
| 1,2,4-Trimethylbenzene | 10.30 | 11.18 | 109 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 10.36 | 101 |
| 1,3-Dichlorobenzene | 10.30 | 11.25 | 109 |
| 1,4-Dichlorobenzene | 10.20 | 11.35 | 111 |
| Sec-ButylBenzene | 10.00 | 10.16 | 102 |
| 1,2-Dichlorobenzene | 10.40 | 11.40 | 110 |
| n-ButylBenzene | 10.20 | 11.07 | 109 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 11.00 | 109 |
| 1,2,4-Trichlorobenzene | 10.50 | 12.09 | 115 |
| Naphthalene | 10.90 | 12.86 | 118 |
| Hexachlorobutadiene | 10.80 | 12.03 | 111 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/11/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-010825-01**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.55 | 12.20 | 102 | 130 | 24.4 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 11.18 | 11.27 | 106 | 107 | 0.8 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 11.05 | 10.75 | 106 | 103 | 2.8 |
| Benzene | 0.0 | 10.70 | 10.41 | 10.25 | 97 | 96 | 1.5 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 11.35 | 11.14 | 108 | 106 | 1.9 |
| Toluene | 0.0 | 10.80 | 10.89 | 10.92 | 101 | 101 | 0.3 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 11.62 | 11.33 | 111 | 108 | 2.5 |
| Chlorobenzene | 0.0 | 10.80 | 12.13 | 11.95 | 112 | 111 | 1.5 |
| Ethylbenzene | 0.0 | 10.60 | 10.71 | 10.57 | 101 | 100 | 1.3 |
| m & p-Xylene | 0.0 | 21.20 | 19.84 | 20.04 | 94 | 95 | 1.0 |
| o-Xylene | 0.0 | 10.60 | 10.38 | 10.39 | 98 | 98 | 0.1 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/11/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 021125* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 101% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 021125* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250328

## CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 71257 | 2-10-25 | 1334 | summa 1 | X | | | | |
| MS-02 | 71258 | | 1315 | | X | | | | |
| MS-03 | 71259 | | 1250 | | X | | | | |
| MS-04 | 71260 | | 1340 | | X | | | | |
| MS-05 | 71261 | | 1325 | | X | | | | |
| Working Face | 71262 | | 1257 | | X | | | | |
| Reaction | 71263 | | 1308 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via: ☐ Fedex ☐ UPS ☐ Courier ☐ Other
Temperature: °C
Thermometer ID
Initials
Received Good Condition
Total Cans
Unused Cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 2-10-25 **Time** | **Received By** Print: Zachary Smith Signature: | **Date** 2/10/25 **Time** 1513 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

17x 6L cans + 17x tedlar bags 010

250328

## CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☒ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Dawalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71264 | 2-10-25 | 1243 | summa 1 | X | | | | | |
| MS-07 | 71265 | | 1345 | | X | | | | | |
| MS-08 | 71266 | | 1406 | | X | | | | | |
| MS-09 | 71267 | | 1408 | | X | | | | | |
| MS-10 | 71268 | | 1214 | | X | | | | | |
| MS-11 | 71269 | | 1228 | | X | | | | | |
| MS-12 | 71270 | | 1400 | | X | | | | | |
| SCV | 71271 | | 1207 | | X | | | | | |
| Chiquito Cyn Rd | 71272 | | 1350 | | X | | | | | |
| S. End Lincoln | 71273 | ↓ | 1355 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Sample Received via: ☐Fedex ☐UPS ☐Courier ☐Drop-off
Temperature: °C
Thermometer ID:
Initials:
Received Chilled:
Total Containers:
Unused Containers:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Dawalos Signature: ND | Date 2-10-25 Time | **Received By** Print: Zachary Smith Signature: | Date 2/10/25 Time 1513 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250328

## CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 71274 | 2-10-25 | 1334 | tedlar 1 | X | | | | |
| MS-02 | 71275 | ↓ | 1315 | | X | | | | |
| MS-03 | 71276 | | 1250 | | X | | | | |
| MS-04 | 71277 | | 1340 | | X | | | | |
| MS-05 | 71278 | | 1325 | | X | | | | |
| Working Face | 71279 | | 1257 | | X | | | | |
| Reaction | 71280 | | 1308 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via: ☐ Fedex ☐ UPS ☐ Courier ☐ Other
Temperature °C
Thermometer ID
Initials
Received Chilled
Total Containers
Unused Containers
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | | |
|---|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 2-10-25 Time | **Received By** Print: Zachary Smith Signature: | Date 2/10/25 Time 1513 | |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time | |

250328

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71281 | 2/10/25 | 1243 | tedlar 1 | X | | | | |
| MS-07 | 71282 | | 1345 | | X | | | | |
| MS-08 | 71283 | | 1406 | | X | | | | |
| MS-09 | 71284 | | 1408 | | X | | | | |
| MS-10 | 71285 | | 1214 | | X | | | | |
| MS-11 | 71286 | | 1228 | | X | | | | |
| MS-12 | 71287 | | 1400 | | X | | | | |
| SCV | 71288 | | 1207 | | X | | | | |
| Chiquito Cyn Rd | 71289 | | 1350 | | X | | | | |
| S. End Lincoln | 71290 | | 1355 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via: ☐ Fedex ☐ UPS ☐ Golden State ☐ Other
Temperature °C
Thermometer ID
Initials
Received Chilled
Total Containers
Custody Seals
Flow Controller

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 2-10-25 Time | **Received By** Print: Zachary Smith Signature: | Date 2/10/25 Time 1513 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

# Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita |
| PROJECT NUMBER | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250328 |
| REPORT DATE | : 02/14/2025 |

On February 10th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-01 | 250328-71274 | MS-08 | 250328-71283 |
| MS-02 | 250328-71275 | MS-09 | 250328-71284 |
| MS-03 | 250328-71276 | MS-10 | 250328-71285 |
| MS-04 | 250328-71277 | MS-11 | 250328-71286 |
| MS-05 | 250328-71278 | MS-12 | 250328-71287 |
| Working Force | 250328-71279 | SCV | 250328-71288 |
| Reaction | 250328-71280 | Chiquito Cyn Rd | 250328-71289 |
| MS-06 | 250328-71281 | S. End Lincoln | 250328-71290 |
| MS-07 | 250328-71282 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 11 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250328**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/10/2025**
**RECEIVING DATE : 02/10/2025**
**ANALYSIS DATE : 02/11/2025**
**REPORT DATE : 02/14/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-01 | MS-02 | MS-03 | MS-04 | MS-05 | Working Force |
|---|---|---|---|---|---|---|
| AAC ID | 250328-71274 | 250328-71275 | 250328-71276 | 250328-71277 | 250328-71278 | 250328-71279 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250328**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/10/2025**
**RECEIVING DATE : 02/10/2025**
**ANALYSIS DATE : 02/10-11/2025**
**REPORT DATE : 02/14/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | Reaction | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 |
|---|---|---|---|---|---|---|
| AAC ID | 250328-71280 | 250328-71281 | 250328-71282 | 250328-71283 | 250328-71284 | 250328-71285 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250328**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/10/2025**
**RECEIVING DATE : 02/10/2025**
**ANALYSIS DATE : 02/10-11/2025**
**REPORT DATE : 02/14/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-11 | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln |
|---|---|---|---|---|---|
| AAC ID | 250328-71286 | 250328-71287 | 250328-71288 | 250328-71289 | 250328-71290 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/10/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8067 | 0.512 | 103.7 | 2.2 |
| Duplicate | 8093 | 0.514 | 104.0 | 2.5 |
| Triplicate | 7526 | 0.478 | 96.7 | 4.7 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7677 | 0.526 | 103.6 | 1.1 |
| Duplicate | 7734 | 0.530 | 104.4 | 1.9 |
| Triplicate | 7364 | 0.504 | 99.4 | 3.0 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8146 | 0.495 | 103.1 | 0.6 |
| Duplicate | 8078 | 0.491 | 102.2 | 0.3 |
| Triplicate | 8079 | 0.491 | 102.3 | 0.3 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.258 | 0.244 | 104.5 | 98.8 | 5.6 |
| MeSH | <PQL | 0.254 | 0.251 | 0.253 | 98.9 | 99.7 | 0.8 |
| DMS | <PQL | 0.240 | 0.261 | 0.254 | 108.6 | 105.7 | 2.7 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.502 | 101.6 |
| MeSH | 0.508 | 0.507 | 99.9 |
| DMS | 0.481 | 0.489 | 101.8 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/11/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 23017 | 517 | 104.7 | 1.4 |
| Duplicate | 22216 | 499 | 101.1 | 2.1 |
| Triplicate | 22836 | 513 | 103.9 | 0.6 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19528 | 508 | 100.2 | 0.0 |
| Duplicate | 19867 | 517 | 101.9 | 1.8 |
| Triplicate | 19179 | 499 | 98.4 | 1.8 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22564 | 500 | 104.0 | 0.1 |
| Duplicate | 22530 | 499 | 103.9 | 0.0 |
| Triplicate | 22503 | 498 | 103.7 | 0.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250328-71290**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250328-71290 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 255.2 | 231.9 | 103.3 | 93.9 | 9.6 |
| MeSH | <PQL | 253.8 | 265.5 | 251.3 | 104.6 | 99.0 | 5.5 |
| DMS | <PQL | 240.3 | 262.6 | 245.0 | 109.3 | 102.0 | 7.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 449.0 | 90.9 |
| MeSH | 507.5 | 467.9 | 92.2 |
| DMS | 480.5 | 466.6 | 97.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/11/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7793 | 0.495 | 100.2 | 2.6 |
| Duplicate | 8150 | 0.518 | 104.8 | 1.8 |
| Triplicate | 8069 | 0.512 | 103.7 | 0.8 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7255 | 0.497 | 97.9 | 3.4 |
| Duplicate | 7661 | 0.525 | 103.4 | 2.0 |
| Triplicate | 7622 | 0.522 | 102.9 | 1.5 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7926 | 0.482 | 100.3 | 2.4 |
| Duplicate | 8249 | 0.502 | 104.4 | 1.6 |
| Triplicate | 8179 | 0.497 | 103.5 | 0.8 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250328-71275**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250328-71275 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.247 | 0.250 | 100.0 | 101.2 | 1.2 |
| MeSH | <PQL | 0.254 | 0.252 | 0.258 | 99.3 | 101.7 | 2.4 |
| DMS | <PQL | 0.240 | 0.253 | 0.258 | 105.3 | 107.4 | 2.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.455 | 92.1 |
| MeSH | 0.508 | 0.466 | 91.8 |
| DMS | 0.481 | 0.449 | 93.4 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250328

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 71274 | 2-10-25 | 1334 | tedlar 1 | X | | | | |
| MS-02 | 71275 | ↓ | 1315 | | X | | | | |
| MS-03 | 71276 | | 1250 | | X | | | | |
| MS-04 | 71277 | | 1340 | | X | | | | |
| MS-05 | 71278 | | 1325 | | X | | | | |
| Working Face | 71279 | | 1257 | | X | | | | |
| Reaction | 71280 | ↓ | 1308 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Returned Equip
Total cans
Unused cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 2-10-25 Time | **Received By** Print: Zachary Smith Signature: | Date 2/10/25 Time 1513 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250328

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71281 | 2/10/25 | 1243 | tedlar 1 | X | | | | |
| MS-07 | 71282 | | 1345 | | X | | | | |
| MS-08 | 71283 | | 1406 | | X | | | | |
| MS-09 | 71284 | | 1405 | | X | | | | |
| MS-10 | 71285 | | 1214 | | X | | | | |
| MS-11 | 71286 | | 1228 | | X | | | | |
| MS-12 | 71287 | | 1400 | | X | | | | |
| SCV | 71288 | | 1207 | | X | | | | |
| Chiquito Cyn Rd | 71289 | | 1250 | | X | | | | |
| S. End Lincoln | 71290 | ↓ | 1355 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Cont.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 2-10-25 Time | **Received By** Print: Zachary Smith Signature: | Date 2/10/25 Time 1513 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250328

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS |
|---|---|---|---|---|---|
| MS-01 | 71257 | 2-10-25 | 1334 | summa 1 | X |
| MS-02 | 71258 | " | 1315 | " | X |
| MS-03 | 71259 | " | 1250 | " | X |
| MS-04 | 71260 | " | 1340 | " | X |
| MS-05 | 71261 | " | 1325 | " | X |
| Working Face | 71262 | " | 1257 | " | X |
| Reaction | 71263 | " | 1308 | " | X |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Mother
Temperature °C
Thermometer ID
Initials
Returned Cont.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 2-12-25 Time | **Received By** Print: Zachary Smith Signature: | Date 2/12/25 Time 1513 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

17x 6L cans + 17x tedlar bags D10

250328

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71264 | 2-10-25 | 1243 | summa 1 | X | | | | |
| MS-07 | 71265 | | 1345 | | X | | | | |
| MS-08 | 71266 | | 1406 | | X | | | | |
| MS-09 | 71267 | | 1408 | | X | | | | |
| MS-10 | 71268 | | 1214 | | X | | | | |
| MS-11 | 71269 | | 1228 | | X | | | | |
| MS-12 | 71270 | | 1400 | | X | | | | |
| SCV | 71271 | | 1207 | | X | | | | |
| Chiquito Cyn Rd | 71272 | | 1350 | | X | | | | |
| S. End Lincoln | 71273 | V | 1355 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Cont.
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 2-10-25 Time | **Received By** Print: Zachary Smith Signature: | Date 2/10/25 Time 1513 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

# Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita ON/OFF |
| PROJECT NO. | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250416 |
| REPORT DATE | : 03/03/2025 |

On February 17, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250416-71528 | 720.5 | S. End Lincoln | 250416-71537 | 719.5 |
| MS-07 | 250416-71529 | 708.5 | MS-01 | 250416-71538 | 712.0 |
| MS-08 | 250416-71530 | 719.0 | MS-02 | 250416-71539 | 695.0 |
| MS-09 | 250416-71531 | 712.5 | MS-03 | 250416-71540 | 725.0 |
| MS-10 | 250416-71532 | 725.0 | MS-04 | 250416-71541 | 715.0 |
| MS-11 | 250416-71533 | 724.5 | MS-05 | 250416-71542 | 704.5 |
| MS-12 | 250416-71534 | 721.5 | Working Face | 250416-71543 | 706.0 |
| SCV | 250416-71535 | 719.0 | Reaction | 250416-71544 | 705.0 |
| Chiquito Cyn Rd | 250416-71536 | 715.0 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. For samples 71536-71544 the daily QC for compounds Chloromethane, Methanol, and Ethanol were high. Results for these compounds should be considered estimated. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 33 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71528 | | | | 250416-71529 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/21/2025 | | | | 02/21/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.13 | <SRL | U | 1 | 7.23 | 5.00 |
| Methanol | <SRL | U | 1 | 7.13 | <SRL | U | 1 | 7.23 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | 2.91 | | 1 | 2.85 | <SRL | U | 1 | 2.89 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | 3.05 | | 1 | 2.85 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.89 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71528 | | | | 250416-71529 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/21/2025 | | | | 02/21/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.45 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.89 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 106% | | | | 105% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71530 | | | | 250416-71531 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/21/2025 | | | | 02/21/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.21 | 5.00 |
| Methanol | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.21 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.88 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.87 | 5.78 | | 1 | 2.88 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.88 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.88 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71530 | | | | 250416-71531 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/21/2025 | | | | 02/21/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.88 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 103% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71532 | | | | 250416-71533 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/21/2025 | | | | 02/21/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.10 | <SRL | U | 1 | 7.23 | 5.00 |
| Methanol | <SRL | U | 1 | 7.10 | <SRL | U | 1 | 7.23 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.89 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | 4.43 | | 1 | 2.84 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.89 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71532 | | | | 250416-71533 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/21/2025 | | | | 02/21/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.45 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.84 | <SRL | U | 1 | 2.89 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 103% | | | | 104% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71534 | | | | 250416-71535 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/21/2025 | | | | 02/21/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.05 | <SRL | U | 1 | 7.17 | 5.00 |
| Methanol | <SRL | U | 1 | 7.05 | <SRL | U | 1 | 7.17 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | <SRL | U | 1 | 2.82 | 5.18 | | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71534 | | | | 250416-71535 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/21/2025 | | | | 02/21/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.87 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 104% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71536 | | | | 250416-71537 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | 0.79 | | 1 | 0.72 | 0.79 | | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.17 | 8.39 | | 1 | 7.17 | 5.00 |
| Methanol | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.17 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | 4.85 | | 1 | 2.87 | 4.65 | | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | 19.4 | | 1 | 2.87 | 7.44 | | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71536 | | | | 250416-71537 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.87 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | 3.21 | | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 88% | | | | 94% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71538 | | | | 250416-71539 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.50 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.50 | 1.00 |
| Dichlorodifluoromethane | 0.76 | | 1 | 0.72 | 0.82 | | 1 | 0.75 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Acetaldehyde | 8.04 | | 1 | 7.17 | 10.1 | | 1 | 7.48 | 5.00 |
| Methanol | <SRL | U | 1 | 7.17 | 11.5 | | 1 | 7.48 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethanol | 5.92 | | 1 | 2.87 | 12.2 | | 1 | 2.99 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.50 | 1.00 |
| Acetone | 6.34 | | 1 | 2.87 | 7.53 | | 1 | 2.99 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.99 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.50 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.50 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.99 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | 1.59 | | 1 | 1.50 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | 1.06 | | 1 | 0.75 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) | MS-02 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71538 | | | | 250416-71539 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.50 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.50 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.50 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.99 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.50 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.75 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 93% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71540 | | | | 250416-71541 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | 0.78 | | 1 | 0.71 | 0.83 | | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 7.14 | 5.00 |
| Methanol | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 7.14 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | 5.52 | | 1 | 2.83 | 3.54 | | 1 | 2.85 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | 5.22 | | 1 | 2.83 | 4.88 | | 1 | 2.85 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.85 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) | MS-04 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71540 | | | | 250416-71541 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.43 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.85 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71542 | | | | 250416-71543 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Dichlorodifluoromethane | 0.81 | | 1 | 0.73 | 1.01 | | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.27 | <SRL | U | 1 | 7.23 | 5.00 |
| Methanol | <SRL | U | 1 | 7.27 | <SRL | U | 1 | 7.23 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | 3.61 | | 1 | 2.91 | 15.4 | | 1 | 2.89 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Acetone | 4.23 | | 1 | 2.91 | 4.45 | | 1 | 2.89 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.89 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) | Working Face | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250416-71542 | | | | 250416-71543 | | | | |
| *Date Sampled* | 02/17/2025 | | | | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.89 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 93% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250416-71544 | | | | |
| *Date Sampled* | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.74 | 0.50 |
| Propene | 3.65 | | 1 | 1.47 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.74 | 0.50 |
| Dimethyl Ether | 7.51 | | 1 | 0.74 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.74 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.74 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.36 | 5.00 |
| Methanol | 43.2 | | 1 | 7.36 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.74 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.74 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.74 | 0.50 |
| Ethanol | 29.8 | | 1 | 2.94 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.74 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.47 | 1.00 |
| Acetone | 24.1 | | 1 | 2.94 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Propanol (IPA) | 3.53 | | 1 | 2.94 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.47 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.74 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.47 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.74 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.47 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.94 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.74 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.74 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Butanone (MEK) | 9.47 | | 1 | 1.47 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | 0.50 |
| Hexane | <SRL | U | 1 | 0.74 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.74 | 0.50 |
| Ethyl Acetate | 0.99 | | 1 | 0.74 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/17/2025
DATE REPORTED : 03/03/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250416-71544 | | | | |
| *Date Sampled* | 02/17/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | |
| *Can Dilution Factor* | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | 9.54 | | 1 | 0.74 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Benzene | 5.92 | | 1 | 0.74 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.74 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.74 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.47 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.74 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.74 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.74 | 0.50 |
| Heptane | <SRL | U | 1 | 0.74 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.47 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| Toluene | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.94 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.74 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.74 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.74 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.47 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.74 | 0.50 |
| Styrene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.74 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.74 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.74 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.74 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.74 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.74 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.74 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.74 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.74 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.74 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.74 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 93% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250416**
**MATRIX : AIR**

**DATE RECEIVED : 02/17/2025**
**DATE REPORTED : 03/03/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250416-71528 | 02/17/2025 | 02/21/2025 | <SRL | 1.43 | 1.0 | 106% |
| MS-07 | 250416-71529 | 02/17/2025 | 02/21/2025 | <SRL | 1.45 | 1.0 | 105% |
| MS-08 | 250416-71530 | 02/17/2025 | 02/21/2025 | <SRL | 1.43 | 1.0 | 103% |
| MS-09 | 250416-71531 | 02/17/2025 | 02/21/2025 | <SRL | 1.44 | 1.0 | 102% |
| MS-10 | 250416-71532 | 02/17/2025 | 02/21/2025 | <SRL | 1.42 | 1.0 | 103% |
| MS-11 | 250416-71533 | 02/17/2025 | 02/21/2025 | <SRL | 1.45 | 1.0 | 104% |
| MS-12 | 250416-71534 | 02/17/2025 | 02/21/2025 | <SRL | 1.41 | 1.0 | 104% |
| SCV | 250416-71535 | 02/17/2025 | 02/21/2025 | <SRL | 1.43 | 1.0 | 102% |
| Chiquito Cyn Rd | 250416-71536 | 02/17/2025 | 02/26/2025 | <SRL | 1.43 | 1.0 | 88% |
| S. End Lincoln | 250416-71537 | 02/17/2025 | 02/26/2025 | <SRL | 1.43 | 1.0 | 94% |
| MS-01 | 250416-71538 | 02/17/2025 | 02/26/2025 | <SRL | 1.43 | 1.0 | 93% |
| MS-02 | 250416-71539 | 02/17/2025 | 02/26/2025 | <SRL | 1.50 | 1.0 | 96% |
| MS-03 | 250416-71540 | 02/17/2025 | 02/26/2025 | <SRL | 1.42 | 1.0 | 98% |
| MS-04 | 250416-71541 | 02/17/2025 | 02/26/2025 | <SRL | 1.43 | 1.0 | 95% |
| MS-05 | 250416-71542 | 02/17/2025 | 02/26/2025 | <SRL | 1.45 | 1.0 | 93% |
| Working Face | 250416-71543 | 02/17/2025 | 02/26/2025 | <SRL | 1.45 | 1.0 | 99% |
| Reaction | 250416-71544 | 02/17/2025 | 02/26/2025 | 18.1 | 1.47 | 1.0 | 93% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250416**
**MATRIX : AIR**

**DATE RECEIVED : 02/17/2025**
**DATE REPORTED : 03/03/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250416-71528 | 02/17/2025 | 02/21/2025 | <SRL | 1.43 | 1.0 | 106% |
| MS-07 | 250416-71529 | 02/17/2025 | 02/21/2025 | <SRL | 1.45 | 1.0 | 105% |
| MS-08 | 250416-71530 | 02/17/2025 | 02/21/2025 | <SRL | 1.43 | 1.0 | 103% |
| MS-09 | 250416-71531 | 02/17/2025 | 02/21/2025 | 1.50 | 1.44 | 1.0 | 102% |
| MS-10 | 250416-71532 | 02/17/2025 | 02/21/2025 | <SRL | 1.42 | 1.0 | 103% |
| MS-11 | 250416-71533 | 02/17/2025 | 02/21/2025 | <SRL | 1.45 | 1.0 | 104% |
| MS-12 | 250416-71534 | 02/17/2025 | 02/21/2025 | <SRL | 1.41 | 1.0 | 104% |
| SCV | 250416-71535 | 02/17/2025 | 02/21/2025 | <SRL | 1.43 | 1.0 | 102% |
| Chiquito Cyn Rd | 250416-71536 | 02/17/2025 | 02/26/2025 | 0.89 | 1.43 | 1.0 | 88% |
| S. End Lincoln | 250416-71537 | 02/17/2025 | 02/26/2025 | <SRL | 1.43 | 1.0 | 94% |
| MS-01 | 250416-71538 | 02/17/2025 | 02/26/2025 | <SRL | 1.43 | 1.0 | 93% |
| MS-02 | 250416-71539 | 02/17/2025 | 02/26/2025 | <SRL | 1.50 | 1.0 | 96% |
| MS-03 | 250416-71540 | 02/17/2025 | 02/26/2025 | <SRL | 1.42 | 1.0 | 98% |
| MS-04 | 250416-71541 | 02/17/2025 | 02/26/2025 | <SRL | 1.43 | 1.0 | 95% |
| MS-05 | 250416-71542 | 02/17/2025 | 02/26/2025 | <SRL | 1.45 | 1.0 | 93% |
| Working Face | 250416-71543 | 02/17/2025 | 02/26/2025 | <SRL | 1.45 | 1.0 | 99% |
| Reaction | 250416-71544 | 02/17/2025 | 02/26/2025 | <SRL | 1.47 | 1.0 | 93% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/21/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/24/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.68 | 103 |
| Chlorodifluoromethane | 10.20 | 8.94 | 88 |
| Propene | 10.70 | 8.64 | 81 |
| Dichlorodifluoromethane | 10.40 | 9.81 | 94 |
| Dimethyl Ether | 10.10 | 7.97 | 79 |
| Chloromethane | 10.50 | 8.47 | 81 |
| Dichlorotetrafluoroethane | 10.20 | 10.25 | 100 |
| Vinyl Chloride | 10.60 | 8.98 | 85 |
| Acetaldehyde | 20.90 | 17.08 | 82 |
| Methanol | 20.40 | 15.44 | 76 |
| 1,3-Butadiene | 10.70 | 8.61 | 80 |
| Bromomethane | 10.40 | 9.72 | 93 |
| Chloroethane | 10.40 | 8.58 | 83 |
| Dichlorofluoromethane | 10.10 | 8.41 | 83 |
| Ethanol | 11.40 | 8.01 | 70 |
| Vinyl Bromide | 10.10 | 9.05 | 90 |
| Acrolein | 10.90 | 8.45 | 78 |
| Acetone | 10.60 | 8.04 | 76 |
| Trichlorofluoromethane | 10.50 | 8.71 | 83 |
| 2-Propanol (IPA) | 11.00 | 7.85 | 71 |
| Acrylonitrile | 11.10 | 9.17 | 83 |
| 1,1-Dichloroethene | 10.50 | 9.66 | 92 |
| Methylene Chloride (DCM) | 10.40 | 9.15 | 88 |
| TertButanol (TBA) | 11.20 | 8.90 | 79 |
| Allyl Chloride | 10.20 | 7.96 | 78 |
| Carbon Disulfide | 10.50 | 8.99 | 86 |
| Trichlorotrifluoroethane | 10.30 | 11.33 | 110 |
| trans-1,2-Dichloroethene | 10.80 | 9.70 | 90 |
| 1,1-Dichloroethane | 10.70 | 8.85 | 83 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 9.04 | 84 |
| Vinyl Acetate | 11.00 | 8.22 | 75 |
| 2-Butanone (MEK) | 10.70 | 9.11 | 85 |
| cis-1,2-Dichloroethene | 10.70 | 9.61 | 90 |
| Hexane | 10.80 | 9.57 | 89 |
| Chloroform | 10.70 | 8.96 | 84 |
| Ethyl Acetate | 10.70 | 8.20 | 77 |
| Tetrahydrofuran | 10.40 | 8.50 | 82 |
| 1,2-Dichloroethane | 10.60 | 8.67 | 82 |
| 1,1,1-Trichloroethane | 10.50 | 8.68 | 83 |
| Benzene | 10.70 | 8.40 | 79 |
| Carbon Tetrachloride | 10.30 | 8.47 | 82 |
| Cyclohexane | 10.50 | 8.72 | 83 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 8.46 | 79 |
| Bromodichloromethane | 10.50 | 8.79 | 84 |
| 1,4-Dioxane | 10.50 | 8.61 | 82 |
| Trichloroethene (TCE) | 10.50 | 9.28 | 88 |
| 2,2,4-Trimethylpentane | 10.10 | 7.82 | 77 |
| Methyl Methacrylate | 11.00 | 8.97 | 82 |
| Heptane | 10.50 | 9.30 | 89 |
| cis-1,3-Dichloropropene | 10.50 | 8.85 | 84 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 7.91 | 75 |
| trans-1,3-Dichloropropene | 10.60 | 8.46 | 80 |
| 1,1,2-Trichloroethane | 10.60 | 9.47 | 89 |
| Toluene | 10.80 | 8.97 | 83 |
| 2-Hexanone (MBK) | 10.50 | 7.94 | 76 |
| Dibromochloromethane | 10.60 | 9.55 | 90 |
| 1,2-Dibromoethane | 10.60 | 9.60 | 91 |
| Tetrachloroethene (PCE) | 10.50 | 9.36 | 89 |
| Chlorobenzene | 10.80 | 9.91 | 92 |
| Ethylbenzene | 10.60 | 8.44 | 80 |
| m & p-Xylene | 21.20 | 16.26 | 77 |
| Bromoform | 10.60 | 8.44 | 80 |
| Styrene | 10.60 | 9.33 | 88 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 8.92 | 84 |
| o-Xylene | 10.60 | 8.16 | 77 |
| 1,2,3-Trichloropropane | 11.00 | 9.29 | 84 |
| Isopropylbenzene (Cumene) | 10.40 | 8.80 | 85 |
| α-Pinene | 10.80 | 8.93 | 83 |
| 2-Chlorotoluene | 10.30 | 9.24 | 90 |
| n-Propylbenzene | 10.10 | 9.11 | 90 |
| 4-Ethyltoluene | 10.40 | 9.18 | 88 |
| 1,3,5-Trimethylbenzene | 10.30 | 8.84 | 86 |
| β-Pinene LR | 10.90 | 5.40 | 50 |
| 1,2,4-Trimethylbenzene | 10.30 | 9.24 | 90 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 8.53 | 83 |
| 1,3-Dichlorobenzene | 10.30 | 9.31 | 90 |
| 1,4-Dichlorobenzene | 10.20 | 9.19 | 90 |
| Sec-ButylBenzene | 10.00 | 8.32 | 83 |
| 1,2-Dichlorobenzene | 10.40 | 9.39 | 90 |
| n-ButylBenzene | 10.20 | 9.60 | 94 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 9.26 | 92 |
| 1,2,4-Trichlorobenzene | 10.50 | 9.71 | 92 |
| Naphthalene | 10.90 | 9.75 | 89 |
| Hexachlorobutadiene | 10.80 | 9.73 | 90 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

LR - Recovery for this compound was low. Results should be considered estimated.

* - β-Pinene results are estimated.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/21/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.68 | 9.96 | 103 | 106 | 2.9 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 9.66 | 9.10 | 92 | 87 | 6.0 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 9.15 | 8.84 | 88 | 85 | 3.4 |
| Benzene | 0.0 | 10.70 | 8.40 | 8.62 | 79 | 81 | 2.6 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 9.28 | 9.76 | 88 | 93 | 5.0 |
| Toluene | 0.0 | 10.80 | 8.97 | 8.91 | 83 | 83 | 0.7 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 9.36 | 9.60 | 89 | 91 | 2.5 |
| Chlorobenzene | 0.0 | 10.80 | 9.91 | 9.89 | 92 | 92 | 0.2 |
| Ethylbenzene | 0.0 | 10.60 | 8.44 | 8.69 | 80 | 82 | 2.9 |
| m & p-Xylene | 0.0 | 21.20 | 16.26 | 17.00 | 77 | 80 | 4.4 |
| o-Xylene | 0.0 | 10.60 | 8.16 | 8.64 | 77 | 82 | 5.7 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/21/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 022125* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 99% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 022125* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/21/2025**
**MATRIX : Air**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**ANALYST : DL**
**DILUTION FACTOR[1] : x12.25**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250379-71455

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.64 | 9.45 | 2.0 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | 81.8 | 66.0 | 21.4 |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | <SRL | <SRL | NA |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | <SRL | <SRL | NA |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | <SRL | <SRL | NA |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | 28.0 | 25.7 | 8.7 |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | 11.5 | 11.1 | 3.2 |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | 80.5 | 79.2 | 1.5 |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | 6.25 | 6.98 | 11.1 |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | 14.9 | 14.7 | 1.7 |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/26/2025** | **INSTRUMENT ID : GC/MS-03**
**MATRIX : High Purity $N_2$** | **CALIBRATION STD ID : MS1-022125-01**
**UNITS : PPB (v/v)** | **ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/07/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.19 | 98 |
| Chlorodifluoromethane | 10.20 | 12.31 | 121 |
| Propene | 10.70 | 12.94 | 121 |
| Dichlorodifluoromethane | 10.40 | 11.47 | 110 |
| Dimethyl Ether | 10.10 | 12.44 | 123 |
| Chloromethane HR | 10.50 | 14.27 | 136 |
| Dichlorotetrafluoroethane | 10.20 | 10.32 | 101 |
| Vinyl Chloride | 10.60 | 12.54 | 118 |
| Acetaldehyde | 20.90 | 24.84 | 119 |
| Methanol HR | 20.40 | 29.41 | 144 |
| 1,3-Butadiene | 10.70 | 12.74 | 119 |
| Bromomethane | 10.40 | 11.07 | 106 |
| Chloroethane | 10.40 | 13.38 | 129 |
| Dichlorofluoromethane | 10.10 | 11.48 | 114 |
| Ethanol HR | 11.40 | 15.51 | 136 |
| Vinyl Bromide | 10.10 | 10.92 | 108 |
| Acrolein | 10.90 | 13.02 | 119 |
| Acetone | 10.60 | 12.94 | 122 |
| Trichlorofluoromethane | 10.50 | 11.04 | 105 |
| 2-Propanol (IPA) | 11.00 | 13.92 | 127 |
| Acrylonitrile | 11.10 | 13.33 | 120 |
| 1,1-Dichloroethene | 10.50 | 11.23 | 107 |
| Methylene Chloride (DCM) | 10.40 | 11.29 | 109 |
| TertButanol (TBA) | 11.20 | 12.34 | 110 |
| Allyl Chloride | 10.20 | 11.82 | 116 |
| Carbon Disulfide | 10.50 | 11.77 | 112 |
| Trichlorotrifluoroethane | 10.30 | 10.66 | 103 |
| trans-1,2-Dichloroethene | 10.80 | 12.11 | 112 |
| 1,1-Dichloroethane | 10.70 | 12.01 | 112 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.43 | 97 |
| Vinyl Acetate | 11.00 | 13.23 | 120 |
| 2-Butanone (MEK) | 10.70 | 12.27 | 115 |
| cis-1,2-Dichloroethene | 10.70 | 11.33 | 106 |
| Hexane | 10.80 | 12.02 | 111 |
| Chloroform | 10.70 | 11.93 | 111 |
| Ethyl Acetate | 10.70 | 13.30 | 124 |
| Tetrahydrofuran | 10.40 | 12.73 | 122 |
| 1,2-Dichloroethane | 10.60 | 11.93 | 113 |
| 1,1,1-Trichloroethane | 10.50 | 11.31 | 108 |
| Benzene | 10.70 | 11.61 | 109 |
| Carbon Tetrachloride | 10.30 | 10.92 | 106 |
| Cyclohexane | 10.50 | 12.64 | 120 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 11.62 | 109 |
| Bromodichloromethane | 10.50 | 11.34 | 108 |
| 1,4-Dioxane | 10.50 | 12.29 | 117 |
| Trichloroethene (TCE) | 10.50 | 10.51 | 100 |
| 2,2,4-Trimethylpentane | 10.10 | 12.24 | 121 |
| Methyl Methacrylate | 11.00 | 12.86 | 117 |
| Heptane | 10.50 | 12.15 | 116 |
| cis-1,3-Dichloropropene | 10.50 | 11.63 | 111 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 12.76 | 122 |
| trans-1,3-Dichloropropene | 10.60 | 11.64 | 110 |
| 1,1,2-Trichloroethane | 10.60 | 11.07 | 104 |
| Toluene | 10.80 | 12.09 | 112 |
| 2-Hexanone (MBK) | 10.50 | 13.65 | 130 |
| Dibromochloromethane | 10.60 | 11.15 | 105 |
| 1,2-Dibromoethane | 10.60 | 11.00 | 104 |
| Tetrachloroethene (PCE) | 10.50 | 10.41 | 99 |
| Chlorobenzene | 10.80 | 11.34 | 105 |
| Ethylbenzene | 10.60 | 12.07 | 114 |
| m & p-Xylene | 21.20 | 24.07 | 114 |
| Bromoform | 10.60 | 10.88 | 103 |
| Styrene | 10.60 | 12.19 | 115 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 11.30 | 107 |
| o-Xylene | 10.60 | 12.09 | 114 |
| 1,2,3-Trichloropropane | 11.00 | 11.54 | 105 |
| Isopropylbenzene (Cumene) | 10.40 | 12.05 | 116 |
| α-Pinene | 10.80 | 12.39 | 115 |
| 2-Chlorotoluene | 10.30 | 11.46 | 111 |
| n-Propylbenzene | 10.10 | 11.44 | 113 |
| 4-Ethyltoluene | 10.40 | 11.62 | 112 |
| 1,3,5-Trimethylbenzene | 10.30 | 11.43 | 111 |
| β-Pinene | 10.90 | 12.69 | 116 |
| 1,2,4-Trimethylbenzene | 10.30 | 11.60 | 113 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 11.61 | 113 |
| 1,3-Dichlorobenzene | 10.30 | 10.63 | 103 |
| 1,4-Dichlorobenzene | 10.20 | 10.68 | 105 |
| Sec-ButylBenzene | 10.00 | 11.33 | 113 |
| 1,2-Dichlorobenzene | 10.40 | 10.88 | 105 |
| n-ButylBenzene | 10.20 | 11.24 | 110 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 10.43 | 103 |
| 1,2,4-Trichlorobenzene | 10.50 | 11.02 | 105 |
| Naphthalene | 10.90 | 12.38 | 114 |
| Hexachlorobutadiene | 10.80 | 10.74 | 99 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

HR - Recovery for this compound was high; results should be considered biased high.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/26/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022125-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.19 | 9.25 | 98 | 98 | 0.7 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 11.23 | 10.94 | 107 | 104 | 2.6 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 11.29 | 11.75 | 109 | 113 | 4.0 |
| Benzene | 0.0 | 10.70 | 11.61 | 11.69 | 109 | 109 | 0.7 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.51 | 10.43 | 100 | 99 | 0.8 |
| Toluene | 0.0 | 10.80 | 12.09 | 11.62 | 112 | 108 | 4.0 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 10.41 | 10.46 | 99 | 100 | 0.5 |
| Chlorobenzene | 0.0 | 10.80 | 11.34 | 11.72 | 105 | 109 | 3.3 |
| Ethylbenzene | 0.0 | 10.60 | 12.07 | 12.53 | 114 | 118 | 3.7 |
| m & p-Xylene | 0.0 | 21.20 | 24.07 | 25.34 | 114 | 120 | 5.1 |
| o-Xylene | 0.0 | 10.60 | 12.09 | 12.31 | 114 | 116 | 1.8 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/26/2025** | **INSTRUMENT ID : GC/MS-03**
**MATRIX : High Purity He or $N_2$** | **ANALYST : RB**
**UNITS : PPB (v/v)**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 022625* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 85% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 0.5 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 022625* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE :** 02/26/2025
**MATRIX :** Air
**UNITS :** PPB (v/v)

**INSTRUMENT ID :** GC/MS-03
**ANALYST :** RB
**DILUTION FACTOR[1] :** x1.43

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250416-71536

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 4-BFB (surrogate standard) | 8.28 | 8.83 | 6.4 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | 0.79 | 0.79 | 0.0 |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 4.85 | 4.29 | 12 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 19.4 | 19.6 | 0.7 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | <SRL | <SRL | NA |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

250416

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71528 | 2-17-25 | 1230 | summa 1 | X | | | | |
| MS-07 | 71529 | | 1347 | | X | | | | |
| MS-08 | 71530 | | 1427 | | X | | | | |
| MS-09 | 71531 | | 1437 | | X | | | | |
| MS-10 | 71532 | | 1158 | | X | | | | |
| MS-11 | 71533 | | 1215 | | X | | | | |
| MS-12 | 71534 | | 1421 | | X | | | | |
| SCV | 71535 | | 1152 | | X | | | | |
| Chiquito Cyn Rd | 71536 | | 1355 | | X | | | | |
| S. End Lincoln | 71537 | ↓ | 1415 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via: ☐ Fedex ☐ UPS ☐ Courier ☐ Client
Temperature: °C
Thermometer ID:
Initials:
Received Chilled:
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | |
|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 2-17-25 **Time** | **Received By** Print: Signature: |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: |

**Date** 2/19/25 **Time** 1515

**Date** **Time**



D/O -17x cans

250416

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS
**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]
**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
**Print:** Nathaniel Dawson
**Signature:** ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 71538 | 2-17-25 | 1329 | summa 1 | X | | | | |
| MS-02 | 71539 | | 1316 | | X | | | | |
| MS-03 | 71540 | | 1240 | | X | | | | |
| MS-04 | 71541 | | 1336 | | X | | | | |
| MS-05 | 71542 | | 1320 | | X | | | | |
| Working Face | 71543 | | 1255 | | X | | | | |
| Reaction | 71544 | ↓ | 1308 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature:
°C
Thermometer ID:
Initials:
Received Chilled:
Total cans:
Unused cans:
Flow Controller:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Dawson Signature: ND | **Date** 2-17-25 **Time** | **Received By** Print: Signature: | **Date** 2/18/25 **Time** 1515 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250116

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71545 | 2-17-25 | 1230 | tedlar 1 | X | | | | |
| MS-07 | 71546 | | 1347 | | X | | | | |
| MS-08 | 71547 | | 1427 | | X | | | | |
| MS-09 | 71548 | | 1437 | | X | | | | |
| MS-10 | 71549 | | 1158 | | X | | | | |
| MS-11 | 71550 | | 1215 | | X | | | | |
| MS-12 | 71551 | | 1421 | | X | | | | |
| SCV | 71552 | | 1152 | | X | | | | |
| Chiquito Cyn Rd | 71553 | | 1355 | | X | | | | |
| S. End Lincoln | 71554 | ✓ | 1415 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via: ☐ Fedex ☐ UPS ☐ Courier ☐ Other
Temperature ____ °C
Thermometer ID ____
Initials ____
Received Cont. ____
Total Cans ____
Unused Cans ____
Flow Confirmed ____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 2-17-25 **Time** | **Received By** Print: Signature: | **Date** 2/17/25 **Time** 1515 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250416

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR |
|---|---|---|---|---|---|
| MS-01 | 71555 | 2-11-25 | 1329 | tedlar 1 | X |
| MS-02 | 71556 | | 1316 | | X |
| MS-03 | 71557 | | 1240 | | X |
| MS-04 | 71558 | | 1336 | | X |
| MS-05 | 71559 | | 1320 | | X |
| Working Face | 71560 | | 1255 | | X |
| Reaction | 71561 | | 1308 | | X |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**LAB USE ONLY**
Lab ID
Samples Received via: ☐ Fedex ☐ UPS ☐ Courier ☐ Client
Temperature
Thermometer ID
Initials
Received Chilled
Total Containers
Unused Containers
Head Contained

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 2-11-25 **Time** | **Received By** Print: Signature: | **Date** 2/17/25 **Time** 1516 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

# Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita |
| PROJECT NUMBER | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250416 |
| REPORT DATE | : 02/20/2025 |

On February 17th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250416-71545 | S. End Lincoln | 250416-71554 |
| MS-07 | 250416-71546 | MS-01 | 250416-71555 |
| MS-08 | 250416-71547 | MS-02 | 250416-71556 |
| MS-09 | 250416-71548 | MS-03 | 250416-71557 |
| MS-10 | 250416-71549 | MS-04 | 250416-71558 |
| MS-11 | 250416-71550 | MS-05 | 250416-71559 |
| MS-12 | 250416-71551 | Working Face | 250416-71560 |
| SCV | 250416-71552 | Reaction | 250416-71561 |
| Chiquito Cyn Rd | 250416-71553 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sudha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250416**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/17/2025**
**RECEIVING DATE : 02/17/2025**
**ANALYSIS DATE : 02/17-18/2025**
**REPORT DATE : 02/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250416-71545 | 250416-71546 | 250416-71547 | 250416-71548 | 250416-71549 | 250416-71550 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250416**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/17/2025**
**RECEIVING DATE : 02/17/2025**
**ANALYSIS DATE : 02/17-18/2025**
**REPORT DATE : 02/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250416-71551 | 250416-71552 | 250416-71553 | 250416-71554 | 250416-71555 | 250416-71556 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250416**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/17/2025**
**RECEIVING DATE : 02/17/2025**
**ANALYSIS DATE : 02/18/2025**
**REPORT DATE : 02/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250416-71557 | 250416-71558 | 250416-71559 | 250416-71560 | 250416-71561 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/17/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22676 | 510 | 103.2 | 1.3 |
| Duplicate | 22657 | 509 | 103.1 | 1.2 |
| Triplicate | 21834 | 491 | 99.3 | 2.5 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19966 | 520 | 102.4 | 0.5 |
| Duplicate | 20336 | 529 | 104.3 | 1.3 |
| Triplicate | 19903 | 518 | 102.1 | 0.8 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22680 | 502 | 104.6 | 0.7 |
| Duplicate | 22384 | 496 | 103.2 | 0.6 |
| Triplicate | 22480 | 498 | 103.6 | 0.2 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 251.4 | 259.8 | 101.8 | 105.2 | 3.3 |
| MeSH | <PQL | 253.8 | 243.6 | 264.5 | 96.0 | 104.2 | 8.2 |
| DMS | <PQL | 240.3 | 247.9 | 263.3 | 103.2 | 109.6 | 6.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 529.0 | 107.1 |
| MeSH | 507.5 | 553.6 | 109.1 |
| DMS | 480.5 | 526.3 | 109.5 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/17/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7634 | 0.485 | 98.1 | 1.5 |
| Duplicate | 7548 | 0.479 | 97.0 | 2.6 |
| Triplicate | 8078 | 0.513 | 103.8 | 4.2 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7435 | 0.509 | 100.3 | 1.1 |
| Duplicate | 7227 | 0.495 | 97.5 | 1.8 |
| Triplicate | 7408 | 0.507 | 100.0 | 0.7 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7671 | 0.467 | 97.1 | 2.2 |
| Duplicate | 7823 | 0.476 | 99.0 | 0.3 |
| Triplicate | 8048 | 0.489 | 101.9 | 2.6 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250328-71275**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250328-71275 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.252 | 0.234 | 102.0 | 94.7 | 7.4 |
| MeSH | <PQL | 0.254 | 0.269 | 0.248 | 106.0 | 97.7 | 8.1 |
| DMS | <PQL | 0.240 | 0.258 | 0.249 | 107.4 | 103.6 | 3.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.522 | 105.7 |
| MeSH | 0.508 | 0.511 | 100.7 |
| DMS | 0.481 | 0.492 | 102.4 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 , www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/18/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22792 | 512 | 103.7 | 3.5 |
| Duplicate | 21661 | 487 | 98.5 | 1.6 |
| Triplicate | 21621 | 486 | 98.3 | 1.8 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 20369 | 530 | 104.5 | 0.9 |
| Duplicate | 20164 | 525 | 103.4 | 0.1 |
| Triplicate | 20010 | 521 | 102.6 | 0.8 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22436 | 497 | 103.4 | 0.2 |
| Duplicate | 22748 | 504 | 104.9 | 1.2 |
| Triplicate | 22236 | 493 | 102.5 | 1.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250416-71554**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250416-71554 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 261.9 | 246.2 | 106.0 | 99.7 | 6.2 |
| MeSH | <PQL | 253.8 | 276.5 | 264.0 | 108.9 | 104.0 | 4.6 |
| DMS | <PQL | 240.3 | 262.3 | 258.2 | 109.2 | 107.5 | 1.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 529.0 | 107.1 |
| MeSH | 507.5 | 556.5 | 109.7 |
| DMS | 480.5 | 527.9 | 109.9 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/18/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8109 | 0.515 | 104.2 | 3.3 |
| Duplicate | 7805 | 0.496 | 100.3 | 0.6 |
| Triplicate | 7637 | 0.485 | 98.2 | 2.7 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7541 | 0.516 | 101.8 | 2.6 |
| Duplicate | 7203 | 0.493 | 97.2 | 2.0 |
| Triplicate | 7315 | 0.501 | 98.7 | 0.5 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8154 | 0.496 | 103.2 | 4.1 |
| Duplicate | 7815 | 0.475 | 98.9 | 0.3 |
| Triplicate | 7539 | 0.459 | 95.4 | 3.8 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250416-71556**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250416-71556 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.259 | 0.239 | 104.9 | 96.8 | 8.0 |
| MeSH | <PQL | 0.254 | 0.253 | 0.241 | 99.7 | 95.0 | 4.9 |
| DMS | <PQL | 0.240 | 0.251 | 0.245 | 104.5 | 102.0 | 2.4 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.474 | 96.0 |
| MeSH | 0.508 | 0.473 | 93.2 |
| DMS | 0.481 | 0.465 | 96.8 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250116

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71545 | 2-7-25 | 1230 | tedlar 1 | X | | | | | |
| MS-07 | 71546 | | 1347 | | X | | | | | |
| MS-08 | 71547 | | 1427 | | X | | | | | |
| MS-09 | 71548 | | 1437 | | X | | | | | |
| MS-10 | 71549 | | 1158 | | X | | | | | |
| MS-11 | 71550 | | 1215 | | X | | | | | |
| MS-12 | 71551 | | 1421 | | X | | | | | |
| SCV | 71552 | | 1152 | | X | | | | | |
| Chiquito Cyn Rd | 71553 | | 1355 | | X | | | | | |
| S. End Lincoln | 71554 | ↓ | 1415 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature: °C
Thermometer ID:
Initials:
Returned Cont.:
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 2-11-25 Time | **Received By** Print: Signature: | Date 2/17/25 Time 1515 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250416

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

| | |
|---|---|
| **Client/Company Name** SCS ENGINEERS<br>**Project Manager Name** PAUL SCHAFER | **Project Name** CHIQUITA [ ON ]<br>**Project Number** 01204123.21 TASK 22 |
| **Turnaround Time**<br>☐ Rush 24 h ☐ Same Day<br>☐ Rush 48 h ☐ 5 Days<br>☒ Rush 72 h ☐ Normal | **Sampler Name**<br>**Print:** Nathaniel Davalos<br>**Signature:** ND |

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|
| MS-01 | 71555 | 2-7-25 | 1329 | tedlar 1 | X | |
| MS-02 | 71556 | | 1316 | | X | |
| MS-03 | 71557 | | 1240 | | X | |
| MS-04 | 71558 | | 1336 | | X | |
| MS-05 | 71559 | | 1320 | | X | |
| Working Face | 71560 | | 1255 | | X | |
| Reaction | 71561 | | 1308 | | X | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Received Cont.
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY: Notes:**

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 2-11-25 **Time** | **Received By** Print: Signature: | **Date** 2/17/25 **Time** 1516 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250416

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Donales
Signature: ND

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71528 | 2-17-25 | 1230 | summa 1 | X | | | | | |
| MS-07 | 71529 | | 1347 | | X | | | | | |
| MS-08 | 71530 | | 1427 | | X | | | | | |
| MS-09 | 71531 | | 1437 | | X | | | | | |
| MS-10 | 71532 | | 1158 | | X | | | | | |
| MS-11 | 71533 | | 1215 | | X | | | | | |
| MS-12 | 71534 | | 1421 | | X | | | | | |
| SCV | 71535 | | 1152 | | X | | | | | |
| Chiquito Cyn Rd | 71536 | | 1355 | | X | | | | | |
| S. End Lincoln | 71537 | | 1415 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY:
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID
Initials
Returned Cont.
Total Cans
Unused Cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

LAB USE ONLY:
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Donales Signature: ND | Date 2-17-25 Time | Received By Print: Signature: | Date 2/19/25 Time 1515 |
| **Relinquished By** Print: Signature: | Date Time | Received By Print: Signature: | Date Time |



D/O -17 cans

250416

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davales
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS |
|---|---|---|---|---|---|
| MS-01 | 71538 | 2-17-25 | 1329 | summa 1 | X |
| MS-02 | 71539 | | 1316 | | X |
| MS-03 | 71540 | | 1240 | | X |
| MS-04 | 71541 | | 1336 | | X |
| MS-05 | 71542 | | 1320 | | X |
| Working Face | 71543 | | 1255 | | X |
| Reaction | 71544 | ↓ | 1308 | | X |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**LAB USE ONLY**

| Lab ID | Sample Received via: ☐Fedex ☐UPS ☐Courier ☐Other |
|---|---|
| | Temperature: °C |
| | Thermometer ID: |
| | Initials: |
| | Returned Cans: |
| | Total cans: |
| | Unused cans: |
| | Flow Controllers: |

**Client Notes/Special Instructions:**

**EDD?** ☐Yes ☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davales Signature: ND | **Date** 2-17-25 **Time** | **Received By** Print: Signature: | **Date** 2/19/25 **Time** 1515 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita |
| PROJECT NUMBER | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250461 |
| REPORT DATE | : 02/26/2025 |

On February 24th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250461-71778 | S. End Lincoln | 250461-71787 |
| MS-07 | 250461-71779 | MS-01 | 250461-71788 |
| MS-08 | 250461-71780 | MS-02 | 250461-71789 |
| MS-09 | 250461-71781 | MS-03 | 250461-71790 |
| MS-10 | 250461-71782 | MS-04 | 250461-71791 |
| MS-11 | 250461-71783 | MS-05 | 250461-71792 |
| MS-12 | 250461-71784 | Working Face | 250461-71793 |
| SCV | 250461-71785 | Reaction | 250461-71794 |
| Chiquito Cyn Rd | 250461-71786 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250461**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/24/2025**
**RECEIVING DATE : 02/24/2025**
**ANALYSIS DATE : 02/24-25/2025**
**REPORT DATE : 02/26/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250461-71778 | 250461-71779 | 250461-71780 | 250461-71781 | 250461-71782 | 250461-71783 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250461**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/24/2025**
**RECEIVING DATE : 02/24/2025**
**ANALYSIS DATE : 02/24-25/2025**
**REPORT DATE : 02/26/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250461-71784 | 250461-71785 | 250461-71786 | 250461-71787 | 250461-71788 | 250461-71789 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250461**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/24/2025**
**RECEIVING DATE : 02/24/2025**
**ANALYSIS DATE : 02/24-25/2025**
**REPORT DATE : 02/26/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250461-71790 | 250461-71791 | 250461-71792 | 250461-71793 | 250461-71794 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/24/2025**
**Analyst: CM /SS**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21145 | 475 | 96.2 | 1.4 |
| Duplicate | 21336 | 479 | 97.1 | 0.5 |
| Triplicate | 21851 | 491 | 99.4 | 1.9 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19577 | 510 | 100.4 | 0.0 |
| Duplicate | 19885 | 518 | 102.0 | 1.6 |
| Triplicate | 19271 | 502 | 98.8 | 1.6 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22272 | 493 | 102.7 | 0.4 |
| Duplicate | 22579 | 500 | 104.1 | 0.9 |
| Triplicate | 22263 | 493 | 102.6 | 0.5 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 223.6 | 237.1 | 90.5 | 96.0 | 5.9 |
| MeSH | <PQL | 253.8 | 251.3 | 246.5 | 99.0 | 97.1 | 1.9 |
| DMS | <PQL | 240.3 | 245.3 | 252.7 | 102.1 | 105.2 | 3.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 452.9 | 91.7 |
| MeSH | 507.5 | 538.7 | 106.2 |
| DMS | 480.5 | 526.1 | 109.5 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***
*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/24/2025**
**Analyst: CM/SS**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7610 | 0.483 | 97.8 | 2.1 |
| Duplicate | 7685 | 0.488 | 98.8 | 1.1 |
| Triplicate | 8013 | 0.509 | 103.0 | 3.1 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7100 | 0.486 | 95.8 | 2.3 |
| Duplicate | 7194 | 0.493 | 97.1 | 1.0 |
| Triplicate | 7515 | 0.515 | 101.4 | 3.4 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7752 | 0.471 | 98.1 | 2.5 |
| Duplicate | 7813 | 0.475 | 98.9 | 1.7 |
| Triplicate | 8286 | 0.504 | 104.9 | 4.2 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.257 | 0.244 | 104.0 | 98.8 | 5.2 |
| MeSH | <PQL | 0.254 | 0.257 | 0.245 | 101.3 | 96.6 | 4.8 |
| DMS | <PQL | 0.240 | 0.246 | 0.250 | 102.4 | 104.1 | 1.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.446 | 90.3 |
| MeSH | 0.508 | 0.499 | 98.3 |
| DMS | 0.481 | 0.524 | 109.1 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/25/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 20969 | 471 | 95.4 | 0.3 |
| Duplicate | 20964 | 471 | 95.4 | 0.3 |
| Triplicate | 21149 | 475 | 96.2 | 0.6 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 18927 | 493 | 97.1 | 2.7 |
| Duplicate | 19059 | 496 | 97.7 | 2.0 |
| Triplicate | 20371 | 530 | 104.5 | 4.7 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22079 | 489 | 101.8 | 1.6 |
| Duplicate | 22472 | 498 | 103.6 | 0.2 |
| Triplicate | 22761 | 504 | 104.9 | 1.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250461-71787**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250461-71787 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 224.3 | 246.6 | 90.8 | 99.8 | 9.5 |
| MeSH | <PQL | 253.8 | 239.1 | 257.9 | 94.2 | 101.6 | 7.6 |
| DMS | <PQL | 240.3 | 255.7 | 256.6 | 106.4 | 106.8 | 0.4 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 496.3 | 100.5 |
| MeSH | 507.5 | 539.3 | 106.3 |
| DMS | 480.5 | 523.4 | 108.9 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/25/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8074 | 0.513 | 103.8 | 4.6 |
| Duplicate | 7464 | 0.474 | 96.0 | 3.3 |
| Triplicate | 7621 | 0.484 | 98.0 | 1.3 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7517 | 0.515 | 101.4 | 3.1 |
| Duplicate | 7222 | 0.495 | 97.5 | 0.9 |
| Triplicate | 7130 | 0.488 | 96.2 | 2.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8291 | 0.504 | 104.9 | 4.9 |
| Duplicate | 7650 | 0.465 | 96.8 | 3.2 |
| Triplicate | 7779 | 0.473 | 98.5 | 1.6 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250461-71794**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250461-71794 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.240 | 0.243 | 97.2 | 98.4 | 1.2 |
| MeSH | <PQL | 0.254 | 0.242 | 0.242 | 95.4 | 95.4 | 0.0 |
| DMS | <PQL | 0.240 | 0.249 | 0.244 | 103.6 | 101.7 | 1.9 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.518 | 104.9 |
| MeSH | 0.508 | 0.548 | 108.0 |
| DMS | 0.481 | 0.527 | 109.7 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

2504161

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71778 | 2-24-25 | 1229 | tedlar 1 | X | | | | |
| MS-07 | 71779 | | 1356 | | X | | | | |
| MS-08 | 71780 | | 1432 | | X | | | | |
| MS-09 | 71781 | | 1498 | | X | | | | |
| MS-10 | 71782 | | 1200 | | X | | | | |
| MS-11 | 71783 | | 1216 | | X | | | | |
| MS-12 | 71784 | | 1424 | | X | | | | |
| SCV | 71785 | | 1149 | | X | | | | |
| Chiquito Cyn Rd | 71786 | | 1409 | | X | | | | |
| S. End Lincoln | 71787 | | 1416 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature: °C
Thermometer ID
Initials
Returned Cont.
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY:** Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 2-24-25 Time | Received By Print: Signature: | Date 2/24/25 Time 1542 |
| **Relinquished By** Print: Signature: | Date Time | Received By Print: Signature: | Date Time |

250961

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 71788 | 2-24-25 | 1310 | tedlar 1 | X | | | | |
| MS-02 | 71789 | | 1348 | | X | | | | |
| MS-03 | 71790 | | 1238 | | X | | | | |
| MS-04 | 71791 | | 1321 | | X | | | | |
| MS-05 | 71792 | | 1258 | | X | | | | |
| Working Face | 71793 | | 1246 | | X | | | | |
| Reaction | 71794 | ↓ | 1335 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Returned Equip.
Total cans
Unused cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date / Time | **Received By** Print: H Signature: | Date 2/24/25 Time 1542 |
| **Relinquished By** Print: Signature: | Date / Time | **Received By** Print: Signature: | Date / Time |

250461

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71761 | 2-24-25 | 1229 | summa 1 | X | | | | |
| MS-07 2/24/25 | ~~71~~ 71762 | | 1356 | | X | | | | |
| MS-08 | 71763 | | 1432 | | X | | | | |
| MS-09 | 71764 | | 1448 | | X | | | | |
| MS-10 | 71765 | | 1200 | | X | | | | |
| MS-11 | 71766 | | 1216 | | X | | | | |
| MS-12 | 71767 | | 1424 | | X | | | | |
| SCV | 71768 | | 1149 | | X | | | | |
| Chiquito Cyn Rd | 71769 | | 1409 | | X | | | | |
| S. End Lincoln | 71770 | | 1416 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Returned Cont:
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY:**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 2-24-25 Time | **Received By** Print: Signature: | Date 2/24/25 Time 1542 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |



D/O - Fe cans

250461

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

| | |
|---|---|
| **Client/Company Name** SCS ENGINEERS<br>**Project Manager Name** PAUL SCHAFER | **Project Name** CHIQUITA [ ON ]<br>**Project Number** 01204123.21 TASK 22 |
| **Turnaround Time**<br>☐ Rush 24 h ☐ Same Day<br>☐ Rush 48 h ☐ 5 Days<br>☒ Rush 72 h ☐ Normal | **Sampler Name**<br>**Print:** Nathaniel Davalos<br>**Signature:** ND |

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 71771 | 2-24-25 | 1310 | summa 1 | X | | | | |
| MS-02 | 71772 | | 1348 | | X | | | | |
| MS-03 | 71773 | | 1238 | | X | | | | |
| MS-04 | 71774 | | 1321 | | X | | | | |
| MS-05 | 71775 | | 1258 | | X | | | | |
| Working Face | 71776 | | 1246 | | X | | | | |
| Reaction | 71777 | | 1335 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**

Lab ID

Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other

Temperature °C

Thermometer ID

Initials

Returned Cans

Total cans

Unused cans

Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos<br>Signature: ND | **Date** 2-24-25<br>**Time** | **Received By** Print:<br>Signature: | **Date** 2/24/25<br>**Time** 1521 |
| **Relinquished By** Print:<br>Signature: | **Date**<br>**Time** | **Received By** Print:<br>Signature: | **Date**<br>**Time** |

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : CHIQUITA [ OFF ] |
| PROJECT NO. | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250461 |
| REPORT DATE | : 03/12/2025 |

On February 24, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250461-71761 | 706.1 | S. End Lincoln | 250461-71770 | 645.7 |
| MS-07 | 250461-71762 | 576.9 | MS-01 | 250461-71771 | 700.3 |
| MS-08 | 250461-71763 | 661.4 | MS-02 | 250461-71772 | 686.7 |
| MS-09 | 250461-71764 | 678.0 | MS-03 | 250461-71773 | 720.5 |
| MS-10 | 250461-71765 | 689.8 | MS-04 | 250461-71774 | 702.1 |
| MS-11 | 250461-71766 | 726.9 | MS-05 | 250461-71775 | 670.5 |
| MS-12 | 250461-71767 | 644.9 | Working Face | 250461-71776 | 716.5 |
| SCV | 250461-71768 | 579.3 | Reaction | 250461-71777 | 700.7 |
| Chiquito Cyn Rd | 250461-71769 | 603.6 | - - - | - - - | - - - |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71761 | | | | 250461-71762 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.76 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 8.82 | 5.00 |
| Methanol | <SRL | U | 1 | 7.20 | <SRL | U | 1 | 8.82 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 3.53 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| Acetone | 4.18 | | 1 | 2.88 | 4.34 | | 1 | 3.53 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 3.53 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 3.53 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 3.53 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71761 | | | | 250461-71762 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.76 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 3.53 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.76 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.88 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 92% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.

Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71763 | | | | 250461-71764 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.55 | | | | 1.51 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Propene | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| Dichlorodifluoromethane | 0.79 | | 1 | 0.77 | 0.79 | | 1 | 0.76 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.74 | <SRL | U | 1 | 7.57 | 5.00 |
| Methanol | <SRL | U | 1 | 7.74 | <SRL | U | 1 | 7.57 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.10 | <SRL | U | 1 | 3.03 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| Acetone | <SRL | U | 1 | 3.10 | <SRL | U | 1 | 3.03 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.10 | <SRL | U | 1 | 3.03 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 3.10 | <SRL | U | 1 | 3.03 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.10 | <SRL | U | 1 | 3.03 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Hexane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Benzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71763 | | | | 250461-71764 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.55 | | | | 1.51 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Heptane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Toluene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 3.10 | <SRL | U | 1 | 3.03 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Styrene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.55 | <SRL | U | 1 | 1.51 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.77 | <SRL | U | 1 | 0.76 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.

Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71765 | | | | 250461-71766 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.50 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.48 | <SRL | U | 1 | 7.03 | 5.00 |
| Methanol | <SRL | U | 1 | 7.48 | <SRL | U | 1 | 7.03 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.99 | 4.58 | | 1 | 2.81 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | 3.86 | | 1 | 2.99 | 3.44 | | 1 | 2.81 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.99 | <SRL | U | 1 | 2.81 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.99 | <SRL | U | 1 | 2.81 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.99 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71765 | | | | 250461-71766 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.50 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.99 | <SRL | U | 1 | 2.81 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.41 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71767 | | | | 250461-71768 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.59 | | | | 1.76 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Propene | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.94 | <SRL | U | 1 | 8.79 | 5.00 |
| Methanol | <SRL | U | 1 | 7.94 | <SRL | U | 1 | 8.79 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.17 | <SRL | U | 1 | 3.52 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| Acetone | <SRL | U | 1 | 3.17 | 5.19 | | 1 | 3.52 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.17 | <SRL | U | 1 | 3.52 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 3.17 | <SRL | U | 1 | 3.52 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.17 | <SRL | U | 1 | 3.52 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Hexane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Benzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71767 | | | | 250461-71768 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.59 | | | | 1.76 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Heptane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Toluene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 3.17 | <SRL | U | 1 | 3.52 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Styrene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.76 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.79 | <SRL | U | 1 | 0.88 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71769 | | | | 250461-71770 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.69 | | | | 1.60 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Propene | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 8.45 | <SRL | U | 1 | 8.00 | 5.00 |
| Methanol | <SRL | U | 1 | 8.45 | <SRL | U | 1 | 8.00 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.38 | <SRL | U | 1 | 3.20 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| Acetone | 5.32 | | 1 | 3.38 | <SRL | U | 1 | 3.20 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.38 | <SRL | U | 1 | 3.20 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 3.38 | <SRL | U | 1 | 3.20 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.38 | <SRL | U | 1 | 3.20 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Hexane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Benzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71769 | | | | 250461-71770 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.69 | | | | 1.60 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Heptane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Toluene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 3.38 | <SRL | U | 1 | 3.20 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Styrene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.69 | <SRL | U | 1 | 1.60 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.84 | <SRL | U | 1 | 0.80 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 93% | | | 70-130% |

U - Compound was not detected at or above the SRL.

Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71771 | | | | 250461-71772 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | 1.48 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Propene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.74 | 0.83 | | 1 | 0.74 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.39 | <SRL | U | 1 | 7.40 | 5.00 |
| Methanol | <SRL | U | 1 | 7.39 | <SRL | U | 1 | 7.40 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.96 | <SRL | U | 1 | 2.96 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| Acetone | 5.10 | | 1 | 2.96 | 4.32 | | 1 | 2.96 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.96 | <SRL | U | 1 | 2.96 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.96 | <SRL | U | 1 | 2.96 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.96 | <SRL | U | 1 | 2.96 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Hexane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Benzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71771 | | | | 250461-71772 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | 1.48 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Heptane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Toluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.96 | <SRL | U | 1 | 2.96 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Styrene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.48 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.74 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.

Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71773 | | | | 250461-71774 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.34 | 5.00 |
| Methanol | <SRL | U | 1 | 7.17 | <SRL | U | 1 | 7.34 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | 5.23 | | 1 | 2.87 | <SRL | U | 1 | 2.94 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Acetone | 4.18 | | 1 | 2.87 | 3.64 | | 1 | 2.94 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.94 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.94 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.94 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71773 | | | | 250461-71774 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/05/2025 | | | | 03/05/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.94 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.47 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71775 | | | | 250461-71776 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 1.51 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.76 | 0.71 | | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.56 | <SRL | U | 1 | 7.14 | 5.00 |
| Methanol | <SRL | U | 1 | 7.56 | <SRL | U | 1 | 7.14 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | 6.41 | | 1 | 3.03 | 4.49 | | 1 | 2.86 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | 5.67 | | 1 | 3.03 | 4.93 | | 1 | 2.86 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.03 | <SRL | U | 1 | 2.86 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 3.03 | <SRL | U | 1 | 2.86 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.03 | <SRL | U | 1 | 2.86 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |

# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250461-71775 | | | | 250461-71776 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 1.51 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 3.03 | <SRL | U | 1 | 2.86 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.43 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 93% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.

Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250461-71777 | | | | |
| *Date Sampled* | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.46 | 1.00 |
| Dichlorodifluoromethane | 0.74 | | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.28 | 5.00 |
| Methanol | <SRL | U | 1 | 7.28 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.91 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.46 | 1.00 |
| Acetone | 4.36 | | 1 | 2.91 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.91 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.46 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.91 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.46 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.91 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.46 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | 0.50 |

Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250461
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/24/2025
DATE REPORTED : 03/12/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250461-71777 | | | | |
| *Date Sampled* | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.46 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.46 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.91 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.46 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.46 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.46 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250461**
**MATRIX : AIR**

**DATE RECEIVED : 02/24/2025**
**DATE REPORTED : 03/12/2025**
**ANALYST : RB**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250461-71761 | 02/24/2025 | 03/05/2025 | <SRL | 1.44 | 1.0 | 92% |
| MS-07 | 250461-71762 | 02/24/2025 | 03/05/2025 | <SRL | 1.76 | 1.0 | 97% |
| MS-08 | 250461-71763 | 02/24/2025 | 03/05/2025 | <SRL | 1.55 | 1.0 | 94% |
| MS-09 | 250461-71764 | 02/24/2025 | 03/05/2025 | <SRL | 1.51 | 1.0 | 95% |
| MS-10 | 250461-71765 | 02/24/2025 | 03/05/2025 | <SRL | 1.50 | 1.0 | 94% |
| MS-11 | 250461-71766 | 02/24/2025 | 03/05/2025 | <SRL | 1.41 | 1.0 | 95% |
| MS-12 | 250461-71767 | 02/24/2025 | 03/05/2025 | <SRL | 1.59 | 1.0 | 98% |
| SCV | 250461-71768 | 02/24/2025 | 03/05/2025 | <SRL | 1.76 | 1.0 | 95% |
| Chiquito Cyn Rd | 250461-71769 | 02/24/2025 | 03/05/2025 | <SRL | 1.69 | 1.0 | 98% |
| S End Lincoln | 250461-71770 | 02/24/2025 | 03/05/2025 | <SRL | 1.60 | 1.0 | 93% |
| MS-01 | 250461-71771 | 02/24/2025 | 03/05/2025 | <SRL | 1.48 | 1.0 | 94% |
| MS-02 | 250461-71772 | 02/24/2025 | 03/05/2025 | <SRL | 1.48 | 1.0 | 97% |
| MS-03 | 250461-71773 | 02/24/2025 | 03/05/2025 | <SRL | 1.43 | 1.0 | 98% |
| MS-04 | 250461-71774 | 02/24/2025 | 03/05/2025 | <SRL | 1.47 | 1.0 | 96% |
| MS-05 | 250461-71775 | 02/24/2025 | 03/07/2025 | <SRL | 1.51 | 1.0 | 93% |
| Working Face | 250461-71776 | 02/24/2025 | 03/07/2025 | <SRL | 1.43 | 1.0 | 96% |
| Reaction | 250461-71777 | 02/24/2025 | 03/07/2025 | <SRL | 1.46 | 1.0 | 96% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250461**
**MATRIX : AIR**

**DATE RECEIVED : 02/24/2025**
**DATE REPORTED : 03/12/2025**
**ANALYST : RB**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250461-71761 | 02/24/2025 | 03/05/2025 | <SRL | 1.44 | 1.0 | 92% |
| MS-07 | 250461-71762 | 02/24/2025 | 03/05/2025 | <SRL | 1.76 | 1.0 | 97% |
| MS-08 | 250461-71763 | 02/24/2025 | 03/05/2025 | <SRL | 1.55 | 1.0 | 94% |
| MS-09 | 250461-71764 | 02/24/2025 | 03/05/2025 | <SRL | 1.51 | 1.0 | 95% |
| MS-10 | 250461-71765 | 02/24/2025 | 03/05/2025 | <SRL | 1.50 | 1.0 | 94% |
| MS-11 | 250461-71766 | 02/24/2025 | 03/05/2025 | <SRL | 1.41 | 1.0 | 95% |
| MS-12 | 250461-71767 | 02/24/2025 | 03/05/2025 | <SRL | 1.59 | 1.0 | 98% |
| SCV | 250461-71768 | 02/24/2025 | 03/05/2025 | <SRL | 1.76 | 1.0 | 95% |
| Chiquito Cyn Rd | 250461-71769 | 02/24/2025 | 03/05/2025 | <SRL | 1.69 | 1.0 | 98% |
| S End Lincoln | 250461-71770 | 02/24/2025 | 03/05/2025 | <SRL | 1.60 | 1.0 | 93% |
| MS-01 | 250461-71771 | 02/24/2025 | 03/05/2025 | <SRL | 1.48 | 1.0 | 94% |
| MS-02 | 250461-71772 | 02/24/2025 | 03/05/2025 | <SRL | 1.48 | 1.0 | 97% |
| MS-03 | 250461-71773 | 02/24/2025 | 03/05/2025 | <SRL | 1.43 | 1.0 | 98% |
| MS-04 | 250461-71774 | 02/24/2025 | 03/05/2025 | <SRL | 1.47 | 1.0 | 96% |
| MS-05 | 250461-71775 | 02/24/2025 | 03/07/2025 | <SRL | 1.51 | 1.0 | 93% |
| Working Face | 250461-71776 | 02/24/2025 | 03/07/2025 | <SRL | 1.43 | 1.0 | 96% |
| Reaction | 250461-71777 | 02/24/2025 | 03/07/2025 | <SRL | 1.46 | 1.0 | 96% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

Atmospheric Analysis & Consulting, Inc

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/05/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03
CALIBRATION STD ID : MS1-022725-01
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 02/27/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.67 | 103 |
| Chlorodifluoromethane | 9.90 | 9.40 | 95 |
| Propene | 10.80 | 10.74 | 99 |
| Dichlorodifluoromethane | 10.40 | 9.48 | 91 |
| Dimethyl Ether | 10.40 | 10.19 | 98 |
| Chloromethane | 10.50 | 10.32 | 98 |
| Dichlorotetrafluoroethane | 10.30 | 9.68 | 94 |
| Vinyl Chloride | 10.70 | 9.67 | 90 |
| Acetaldehyde | 20.40 | 19.51 | 96 |
| Methanol | 23.00 | 17.55 | 76 |
| 1,3-Butadiene | 10.70 | 10.13 | 95 |
| Bromomethane | 10.40 | 9.81 | 94 |
| Chloroethane | 10.40 | 9.29 | 89 |
| Dichlorofluoromethane | 10.10 | 8.70 | 86 |
| Ethanol | 11.60 | 8.98 | 77 |
| Vinyl Bromide | 10.40 | 9.09 | 87 |
| Acrolein | 11.00 | 9.65 | 88 |
| Acetone | 10.60 | 8.93 | 84 |
| Trichlorofluoromethane | 10.50 | 9.62 | 92 |
| 2-Propanol (IPA) | 11.00 | 8.63 | 78 |
| Acrylonitrile | 11.00 | 9.58 | 87 |
| 1,1-Dichloroethene | 10.50 | 9.04 | 86 |
| Methylene Chloride (DCM) | 10.50 | 9.00 | 86 |
| TertButanol (TBA) | 11.20 | 10.88 | 97 |
| Allyl Chloride | 10.80 | 9.59 | 89 |
| Carbon Disulfide | 10.50 | 9.28 | 88 |
| Trichlorotrifluoroethane | 10.40 | 9.43 | 91 |
| trans-1,2-Dichloroethene | 10.80 | 9.24 | 86 |
| 1,1-Dichloroethane | 10.70 | 9.72 | 91 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 12.68 | 119 |
| Vinyl Acetate | 11.00 | 10.45 | 95 |
| 2-Butanone (MEK) | 10.80 | 9.50 | 88 |
| cis-1,2-Dichloroethene | 10.70 | 9.80 | 92 |
| Hexane | 10.90 | 11.20 | 103 |
| Chloroform | 10.70 | 10.01 | 94 |
| Ethyl Acetate | 10.70 | 10.42 | 97 |
| Tetrahydrofuran | 10.50 | 9.01 | 86 |
| 1,2-Dichloroethane | 10.60 | 9.93 | 94 |
| 1,1,1-Trichloroethane | 10.50 | 10.23 | 97 |
| Benzene | 10.70 | 10.02 | 94 |
| Carbon Tetrachloride | 10.30 | 9.57 | 93 |
| Cyclohexane | 10.50 | 10.08 | 96 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 9.87 | 92 |
| Bromodichloromethane | 10.60 | 9.59 | 90 |
| 1,4-Dioxane | 10.50 | 11.13 | 106 |
| Trichloroethene (TCE) | 10.60 | 9.31 | 88 |
| 2,2,4-Trimethylpentane | 10.50 | 10.09 | 96 |
| Methyl Methacrylate | 11.00 | 11.55 | 105 |
| Heptane | 10.50 | 10.85 | 103 |
| cis-1,3-Dichloropropene | 10.60 | 9.54 | 90 |
| 4-Methyl-2-pentanone (MiBK) | 10.60 | 10.84 | 102 |
| trans-1,3-Dichloropropene | 10.70 | 10.34 | 97 |
| 1,1,2-Trichloroethane | 10.70 | 10.13 | 95 |
| Toluene | 10.80 | 10.76 | 100 |
| 2-Hexanone (MBK) | 10.60 | 10.47 | 99 |
| Dibromochloromethane | 10.70 | 9.73 | 91 |
| 1,2-Dibromoethane | 10.70 | 9.90 | 93 |
| Tetrachloroethene (PCE) | 10.60 | 9.81 | 93 |
| Chlorobenzene | 10.80 | 9.68 | 90 |
| Ethylbenzene | 10.60 | 11.04 | 104 |
| m & p-Xylene | 21.20 | 22.23 | 105 |
| Bromoform | 10.60 | 9.79 | 92 |
| Styrene | 10.60 | 11.19 | 106 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.89 | 93 |
| o-Xylene | 10.60 | 11.13 | 105 |
| 1,2,3-Trichloropropane | 10.50 | 9.91 | 94 |
| Isopropylbenzene (Cumene) | 10.50 | 11.05 | 105 |
| α-Pinene | 10.10 | 10.32 | 102 |
| 2-Chlorotoluene | 10.60 | 10.25 | 97 |
| n-Propylbenzene | 10.50 | 11.19 | 107 |
| 4-Ethyltoluene | 10.40 | 10.81 | 104 |
| 1,3,5-Trimethylbenzene | 10.40 | 10.31 | 99 |
| β-Pinene | 10.90 | 10.14 | 93 |
| 1,2,4-Trimethylbenzene | 10.50 | 10.30 | 98 |
| Benzyl Chloride (a-Chlorotoluene) | 10.50 | 9.87 | 94 |
| 1,3-Dichlorobenzene | 10.50 | 10.22 | 97 |
| 1,4-Dichlorobenzene | 10.50 | 10.05 | 96 |
| Sec-ButylBenzene | 10.70 | 11.02 | 103 |
| 1,2-Dichlorobenzene | 10.70 | 10.24 | 96 |
| n-ButylBenzene | 10.50 | 9.74 | 93 |
| 1,2-Dibromo-3-Chloropropane | 10.30 | 9.54 | 93 |
| 1,2,4-Trichlorobenzene | 10.80 | 9.91 | 92 |
| Naphthalene | 10.80 | 10.25 | 95 |
| Hexachlorobutadiene | 11.00 | 10.17 | 92 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE :** 03/05/2025
**MATRIX :** High Purity $N_2$
**UNITS :** PPB (v/v)

**INSTRUMENT ID :** GC/MS-03
**CALIBRATION STD ID :** MS1-022725-01
**ANALYST :** RB

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS*[1] *Recovery* | *LCSD*[1] *Recovery* | *LCS*[1] *% Recovery*[2] | *LCSD*[1] *% Recovery*[2] | *RPD*[3] |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.67 | 9.52 | 103 | 101 | 1.6 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 9.04 | 9.43 | 86 | 90 | 4.2 |
| Methylene Chloride (DCM) | 0.0 | 10.50 | 9.00 | 9.29 | 86 | 88 | 3.2 |
| Benzene | 0.0 | 10.70 | 10.02 | 10.31 | 94 | 96 | 2.9 |
| Trichloroethene (TCE) | 0.0 | 10.60 | 9.31 | 9.38 | 88 | 88 | 0.7 |
| Toluene | 0.0 | 10.80 | 10.76 | 10.77 | 100 | 100 | 0.1 |
| Tetrachloroethene (PCE) | 0.0 | 10.60 | 9.81 | 9.47 | 93 | 89 | 3.5 |
| Chlorobenzene | 0.0 | 10.80 | 9.68 | 9.82 | 90 | 91 | 1.4 |
| Ethylbenzene | 0.0 | 10.60 | 11.04 | 11.33 | 104 | 107 | 2.6 |
| m & p-Xylene | 0.0 | 21.20 | 22.23 | 22.57 | 105 | 106 | 1.5 |
| o-Xylene | 0.0 | 10.60 | 11.13 | 11.51 | 105 | 109 | 3.4 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).

Atmospheric Analysis & Consulting, Inc

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/05/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 030525* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 91% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 0.5 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 2.0 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 1.0 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 1.0 |

| *Analyte Compounds (Continued)* | *MB 030525* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 1.0 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 2.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 1.0 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 1.0 |
| Hexachlorobutadiene | <RL | 0.5 |

# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/05/2025**
**MATRIX : Air**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**
**DILUTION FACTOR[1] : x2.41**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250461-71761

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 4-BFB (surrogate standard) | 8.66 | 9.13 | 5.3 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol J | 4.20 | 5.35 | 24 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 6.99 | 6.92 | 1.0 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | <SRL | <SRL | NA |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

J - The result is an estimated value between the detection limit and the minimum reporting limit; shown here for duplication purposes only.

# Atmospheric Analysis & Consulting, Inc

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE :** 03/07/2025
**MATRIX :** High Purity $N_2$
**UNITS :** PPB (v/v)

**INSTRUMENT ID :** GC/MS-03
**CALIBRATION STD ID :** MS1-022725-01
**ANALYST :** RB

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 02/27/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.67 | 103 |
| Chlorodifluoromethane | 9.90 | 9.82 | 99 |
| Propene | 10.80 | 11.92 | 110 |
| Dichlorodifluoromethane | 10.40 | 9.40 | 90 |
| Dimethyl Ether | 10.40 | 9.93 | 95 |
| Chloromethane | 10.50 | 10.93 | 104 |
| Dichlorotetrafluoroethane | 10.30 | 9.44 | 92 |
| Vinyl Chloride | 10.70 | 9.98 | 93 |
| Acetaldehyde | 20.40 | 19.75 | 97 |
| Methanol | 23.00 | 20.30 | 88 |
| 1,3-Butadiene | 10.70 | 10.08 | 94 |
| Bromomethane | 10.40 | 9.97 | 96 |
| Chloroethane | 10.40 | 9.59 | 92 |
| Dichlorofluoromethane | 10.10 | 8.95 | 89 |
| Ethanol | 11.60 | 9.06 | 78 |
| Vinyl Bromide | 10.40 | 8.88 | 85 |
| Acrolein | 11.00 | 10.04 | 91 |
| Acetone | 10.60 | 9.05 | 85 |
| Trichlorofluoromethane | 10.50 | 9.94 | 95 |
| 2-Propanol (IPA) | 11.00 | 9.19 | 84 |
| Acrylonitrile | 11.00 | 9.59 | 87 |
| 1,1-Dichloroethene | 10.50 | 9.52 | 91 |
| Methylene Chloride (DCM) | 10.50 | 9.46 | 90 |
| TertButanol (TBA) | 11.20 | 10.81 | 97 |
| Allyl Chloride | 10.80 | 10.10 | 94 |
| Carbon Disulfide | 10.50 | 9.45 | 90 |
| Trichlorotrifluoroethane | 10.40 | 9.46 | 91 |
| trans-1,2-Dichloroethene | 10.80 | 9.19 | 85 |
| 1,1-Dichloroethane | 10.70 | 9.87 | 92 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 12.27 | 115 |
| Vinyl Acetate | 11.00 | 10.87 | 99 |
| 2-Butanone (MEK) | 10.80 | 10.09 | 93 |
| cis-1,2-Dichloroethene | 10.70 | 9.61 | 90 |
| Hexane | 10.90 | 11.55 | 106 |
| Chloroform | 10.70 | 10.00 | 93 |
| Ethyl Acetate | 10.70 | 10.56 | 99 |
| Tetrahydrofuran | 10.50 | 9.52 | 91 |
| 1,2-Dichloroethane | 10.60 | 9.76 | 92 |
| 1,1,1-Trichloroethane | 10.50 | 9.68 | 92 |
| Benzene | 10.70 | 10.41 | 97 |
| Carbon Tetrachloride | 10.30 | 9.30 | 90 |
| Cyclohexane | 10.50 | 10.15 | 97 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.18 | 95 |
| Bromodichloromethane | 10.60 | 9.54 | 90 |
| 1,4-Dioxane | 10.50 | 11.35 | 108 |
| Trichloroethene (TCE) | 10.60 | 9.18 | 87 |
| 2,2,4-Trimethylpentane | 10.50 | 10.30 | 98 |
| Methyl Methacrylate | 11.00 | 11.78 | 107 |
| Heptane | 10.50 | 10.86 | 103 |
| cis-1,3-Dichloropropene | 10.60 | 9.67 | 91 |
| 4-Methyl-2-pentanone (MiBK) | 10.60 | 11.66 | 110 |
| trans-1,3-Dichloropropene | 10.70 | 10.21 | 95 |
| 1,1,2-Trichloroethane | 10.70 | 9.96 | 93 |
| Toluene | 10.80 | 10.72 | 99 |
| 2-Hexanone (MBK) | 10.60 | 10.96 | 103 |
| Dibromochloromethane | 10.70 | 9.44 | 88 |
| 1,2-Dibromoethane | 10.70 | 9.80 | 92 |
| Tetrachloroethene (PCE) | 10.60 | 9.40 | 89 |
| Chlorobenzene | 10.80 | 10.02 | 93 |
| Ethylbenzene | 10.60 | 11.18 | 105 |
| m & p-Xylene | 21.20 | 22.44 | 106 |
| Bromoform | 10.60 | 9.45 | 89 |
| Styrene | 10.60 | 11.53 | 109 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 10.57 | 100 |
| o-Xylene | 10.60 | 11.39 | 107 |
| 1,2,3-Trichloropropane | 10.50 | 9.84 | 94 |
| Isopropylbenzene (Cumene) | 10.50 | 11.25 | 107 |
| α-Pinene | 10.10 | 10.59 | 105 |
| 2-Chlorotoluene | 10.60 | 10.78 | 102 |
| n-Propylbenzene | 10.50 | 11.62 | 111 |
| 4-Ethyltoluene | 10.40 | 10.72 | 103 |
| 1,3,5-Trimethylbenzene | 10.40 | 10.70 | 103 |
| β-Pinene | 10.90 | 10.41 | 96 |
| 1,2,4-Trimethylbenzene | 10.50 | 10.63 | 101 |
| Benzyl Chloride (a-Chlorotoluene) | 10.50 | 10.53 | 100 |
| 1,3-Dichlorobenzene | 10.50 | 10.09 | 96 |
| 1,4-Dichlorobenzene | 10.50 | 10.38 | 99 |
| Sec-ButylBenzene | 10.70 | 11.45 | 107 |
| 1,2-Dichlorobenzene | 10.70 | 10.39 | 97 |
| n-ButylBenzene | 10.50 | 10.13 | 96 |
| 1,2-Dibromo-3-Chloropropane | 10.30 | 9.37 | 91 |
| 1,2,4-Trichlorobenzene | 10.80 | 9.98 | 92 |
| Naphthalene | 10.80 | 10.30 | 95 |
| Hexachlorobutadiene | 11.00 | 9.75 | 89 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

Atmospheric Analysis & Consulting, Inc

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE :** 03/07/2025
**MATRIX :** High Purity $N_2$
**UNITS :** PPB (v/v)

**INSTRUMENT ID :** GC/MS-03
**CALIBRATION STD ID :** MS1-022725-01
**ANALYST :** RB

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS [1] Recovery* | *LCSD [1] Recovery* | *LCS [1] % Recovery [2]* | *LCSD [1] % Recovery [2]* | *RPD [3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.67 | 9.33 | 103 | 99 | 3.6 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 9.52 | 9.83 | 91 | 94 | 3.2 |
| Methylene Chloride (DCM) | 0.0 | 10.50 | 9.46 | 9.58 | 90 | 91 | 1.3 |
| Benzene | 0.0 | 10.70 | 10.41 | 10.54 | 97 | 99 | 1.2 |
| Trichloroethene (TCE) | 0.0 | 10.60 | 9.18 | 9.50 | 87 | 90 | 3.4 |
| Toluene | 0.0 | 10.80 | 10.72 | 11.37 | 99 | 105 | 5.9 |
| Tetrachloroethene (PCE) | 0.0 | 10.60 | 9.40 | 9.67 | 89 | 91 | 2.8 |
| Chlorobenzene | 0.0 | 10.80 | 10.02 | 10.34 | 93 | 96 | 3.1 |
| Ethylbenzene | 0.0 | 10.60 | 11.18 | 11.14 | 105 | 105 | 0.4 |
| m & p-Xylene | 0.0 | 21.20 | 22.44 | 22.26 | 106 | 105 | 0.8 |
| o-Xylene | 0.0 | 10.60 | 11.39 | 11.26 | 107 | 106 | 1.1 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).

Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/07/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 030725* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 91% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 0.5 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 2.0 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 1.0 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 1.0 |

| *Analyte Compounds (Continued)* | *MB 030725* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 1.0 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 2.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 1.0 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 1.0 |
| Hexachlorobutadiene | <RL | 0.5 |

# Atmospheric Analysis & Consulting, Inc

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/07/2025**
**MATRIX : Air**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**
**DILUTION FACTOR[1] : x2.41**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250464-71802

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 4-BFB (surrogate standard) | 8.61 | 8.90 | 3.3 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 16.2 | 16.2 | 0.1 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 10.7 | 11.5 | 6.7 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | 9.45 | 8.95 | 5.5 |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

250461

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71761 | 2-24-25 | 1229 | summa 1 | X | | | | |
| MS-07 2/24/25 | ~~716~~ 71762 | | 1356 | | X | | | | |
| MS-08 | 71763 | | 1432 | | X | | | | |
| MS-09 | 71764 | | 1448 | | X | | | | |
| MS-10 | 71765 | | 1200 | | X | | | | |
| MS-11 | 71766 | | 1216 | | X | | | | |
| MS-12 | 71767 | | 1424 | | X | | | | |
| SCV | 71768 | | 1149 | | X | | | | |
| Chiquito Cyn Rd | 71769 | | 1409 | | X | | | | |
| S. End Lincoln | 71770 | ↓ | 1416 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Received Cool:
Total Cans:
Intact Cans:
New Containers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 2-24-25 **Time** | **Received By** Print: Signature: | **Date** 2/24/25 **Time** 1542 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |



D/O - 17 cans

250461

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davies
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 71771 | 2-24-25 | 1310 | summa 1 | X | | | | |
| MS-02 | 71772 | | 1348 | | X | | | | |
| MS-03 | 71773 | | 1238 | | X | | | | |
| MS-04 | 71774 | | 1321 | | X | | | | |
| MS-05 | 71775 | | 1258 | | X | | | | |
| Working Face | 71776 | | 1246 | | X | | | | |
| Reaction | 71777 | | 1335 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Sample Received Via:
☐ Fedex
☐ UPS
☐ Courier
☐ Client
Temperature
Thermometer ID
Initials
Preserved (Lot#)
Total Cans
Used Cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davies Signature: ND | Date 2-24-25 Time | Received By Print: Signature: | Date 2/24/25 Time 1542 |
| **Relinquished By** Print: Signature: | Date Time | Received By Print: Signature: | Date Time |

2504161

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 71778 | 2-24-25 | 1229 | tedlar 1 | X | | | | |
| MS-07 | 71779 | | 1356 | | X | | | | |
| MS-08 | 71780 | | 1432 | | X | | | | |
| MS-09 | 71781 | | 1498 | | X | | | | |
| MS-10 | 71782 | | 1200 | | X | | | | |
| MS-11 | 71783 | | 1216 | | X | | | | |
| MS-12 | 71784 | | 1424 | | X | | | | |
| SCV | 71785 | | 1149 | | X | | | | |
| Chiquito Cyn Rd | 71786 | ↓ | 1409 | | X | | | | |
| S. End Lincoln | 71787 | | 1416 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Received Chilled:
Total Containers:
Unused Containers:
Flow Conditions:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 2-24-25 **Time** | **Received By** Print: Signature: | **Date** 2/24/25 **Time** 1542 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250461

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 71788 | 2-24-25 | 1310 | tedlar 1 | X | | | | |
| MS-02 | 71789 | | 1348 | | X | | | | |
| MS-03 | 71790 | | 1238 | | X | | | | |
| MS-04 | 71791 | | 1321 | | X | | | | |
| MS-05 | 71792 | | 1258 | | X | | | | |
| Working Face | 71793 | | 1246 | | X | | | | |
| Reaction | 71794 | ↓ | 1335 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via: ☐Fedex ☐UPS ☐Courier ☐Other
Temperature °C
Thermometer ID
Initials
Received Date
Total Containers
Intact (Y/N)
Flow Conditions

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** Time | **Received By** Print: Signature: | **Date** 2/24/25 Time 1542 |
| **Relinquished By** Print: Signature: | **Date** Time | **Received By** Print: Signature: | **Date** Time |

# ATTACHMENT B

# ODOR SAMPLE DATA

# Odor Samples February 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 2/3/2025 | 12:26 | Vegetation | 2/4/2025 | 12:00 PM | 884 | Paint |
| | MS-02 | 2/3/2025 | 12:56 | Vegetation | 2/4/2025 | 11:00 AM | 1768 | Vegetation |
| | MS-03 | 2/3/2025 | 11:52 | Dirt | 2/4/2025 | 11:50 AM | 1768 | Paint, Oil |
| | MS-04 | 2/3/2025 | 12:40 | Leachate, cinnamon | 2/4/2025 | 11:40 AM | 743 | Asphalt, Industrial |
| | MS-05 | 2/3/2025 | 12:13 | Vegetation | 2/4/2025 | 10:45 AM | 1768 | Earthy, Not Offensive |
| | Working/Active | 2/3/2025 | 12:04 | Light trash, dirt | 2/4/2025 | 9:32 AM | <156 | Fresh |
| | Reaction | 2/3/2025 | 12:47 | Stinky, pungent, ripe, trash, leachate | 2/4/2025 | 11:20 AM | 16817 | Trash, Not Offensive, Garbage, Medium |
| Off-Site | MS-06 | 2/3/2025 | 11:44 | Oil, industrial | 2/4/2025 | 10:20 AM | 884 | Sweet, Pleasant |
| | MS-07 | 2/3/2025 | 13:05 | Vegetation | 2/4/2025 | 9:45 AM | 3536 | Vegetation |
| | MS-08 | 2/3/2025 | 13:34 | Vegetation | 2/4/2025 | n/a | n/a | n/a |
| | MS-09 | 2/3/2025 | 13:44 | Vegetation | 2/4/2025 | 9:20 AM | 1250 | Industrial |
| | MS-10 | 2/3/2025 | 11:08 | Vegetation | 2/4/2025 | 10:10 AM | 1403 | Trash, Vegetation, Putrid |
| | MS-11 | 2/3/2025 | 11:23 | Vegetation | 2/4/2025 | 9:10 AM | 884 | Vegetative |
| | MS-12 | 2/3/2025 | 13:27 | Asphalt, dirt | 2/4/2025 | 11:10 AM | 743 | Asphalt, Industrial |
| | SCV | 2/3/2025 | 10:58 | Vegetation, mild exhaust | 2/4/2025 | 9:00 AM | 884 | Putrid, Garbage |
| | Chiquito | 2/3/2025 | 13:13 | Vegetation | 2/4/2025 | 10:35 AM | <156 | Vegetative, Compost |
| | S End Lincoln | 2/3/2025 | 13:20 | Vegetation, nature | 2/4/2025 | 10:00 AM | 1768 | Clean, Fresh |

# Odor Samples February 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 2/10/2025 | 13:34 | Vegetation | 2/11/2025 | n/a | n/a | n/a |
| | MS-02 | 2/10/2025 | 13:15 | Vegetation | 2/11/2025 | 11:25 AM | 1768 | |
| | MS-03 | 2/10/2025 | 12:50 | Vegetation | 2/11/2025 | 11:40 AM | 2102 | Pungent, Offensive |
| | MS-04 | 2/10/2025 | 13:40 | Leachate | 2/11/2025 | 12:20 PM | 1051 | Pungent, Offensive |
| | MS-05 | 2/10/2025 | 13:25 | Vegetation | 2/11/2025 | 9:00 AM | 442 | Stale, Plastic ,Damp |
| | Working/Active | 2/10/2025 | 12:57 | Trash, dirt, leachate | 2/11/2025 | 9:25 AM | 1403 | Trash, Waste |
| | Reaction | 2/10/2025 | 13:08 | Leachate | 2/11/2025 | 10:15 AM | 2806 | Pungent, Rancid, Offensive |
| Off-Site | MS-06 | 2/10/2025 | 12:43 | Dirt | 2/11/2025 | 9:10 AM | 884 | |
| | MS-07 | 2/10/2025 | 13:45 | Vegetation | 2/11/2025 | 12:45 PM | 2102 | Vegetative |
| | MS-08 | 2/10/2025 | 14:06 | Vegetation | 2/11/2025 | 10:40 AM | 769 | Clean, Fresh |
| | MS-09 | 2/10/2025 | 14:08 | Vegetation | 2/11/2025 | 11:55 AM | 2102 | Pungent, Offensive |
| | MS-10 | 2/10/2025 | 12:14 | Vegetation | 2/11/2025 | 9:55 AM | 1250 | Clean, Vegetative |
| | MS-11 | 2/10/2025 | 12:28 | Vegetation | 2/11/2025 | 10:30 AM | 1768 | Asphalt, Industrial |
| | MS-12 | 2/10/2025 | 14:00 | Vegetation | 2/11/2025 | 9:40 AM | 2227 | Fresh, Clean |
| | SCV | 2/10/2025 | 12:07 | Vegetation, coffee | 2/11/2025 | 12:35 PM | 743 | Vegetative |
| | Chiquito | 2/10/2025 | 13:50 | Vegetation | 2/11/2025 | 11:10 AM | 2332 | Clean, Fresh |
| | S End Lincoln | 2/10/2025 | 13:55 | Vegetation | 2/11/2025 | 12:10 PM | 1486 | Vegetative |

# Odor Samples February 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 2/17/2025 | 13:24 | Musty | 2/18/2025 | 9:40 AM | 884 | Fresh, Soap |
| | MS-02 | 2/17/2025 | 13:16 | Trash | 2/18/2025 | 10:50 AM | 1250 | Trash, Landfill, Pungent |
| | MS-03 | 2/17/2025 | 12:40 | Vegetation | 2/18/2025 | 9:50 AM | 1768 | Fresh, Vegetative |
| | MS-04 | 2/17/2025 | 13:36 | Leachate | 2/18/2025 | 11:30 AM | 2973 | Landfill, Offensive |
| | MS-05 | 2/17/2025 | 13:20 | Trash | 2/18/2025 | 9:20 AM | 3536 | Paint, Mildly Offensive |
| | Working/Active | 2/17/2025 | 12:55 | Trash, wet dirt | 2/18/2025 | 10:20 AM | 1113 | Neutral, Vegetative |
| | Reaction | 2/17/2025 | 13:08 | Leachate | 2/18/2025 | 9:50 AM | 1768 | Fresh, Vegetative |
| Off-Site | MS-06 | 2/17/2025 | 12:30 | Dirt | 2/18/2025 | 9:00 AM | <156 | Trash, Stinky |
| | MS-07 | 2/17/2025 | 13:47 | Vegetation | 2/18/2025 | 11:50 AM | 1768 | Sweet, Vanilla |
| | MS-08 | 2/17/2025 | 14:27 | Vegetation | 2/18/2025 | 11:20 AM | 1250 | Vegetative |
| | MS-09 | 2/17/2025 | 14:27 | Sweet, vegetation | 2/18/2025 | 11:00 AM | 556 | Fresh, Vegetative |
| | MS-10 | 2/17/2025 | 11:58 | Dirt, exhaust | 2/18/2025 | 11:10 AM | 525 | Landfill, Trash, Pungnet |
| | MS-11 | 2/17/2025 | 12:15 | Vegetation | 2/18/2025 | 9:10 AM | <156 | Fresh, Clean |
| | MS-12 | 2/17/2025 | 14:21 | Vegetation | 2/18/2025 | 10:10 AM | 1768 | Clean, Vegetative |
| | SCV | 2/17/2025 | 11:52 | Leachate | 2/18/2025 | 11:40 AM | 2500 | Chemically, Paint |
| | Chiquito | 2/17/2025 | 13:55 | Vegetation | 2/18/2025 | 10:00 AM | 1403 | Stinky, Offensive |
| | S End Lincoln | 2/17/2025 | 14:15 | Vegetation | 2/18/2025 | 10:30 AM | 1768 | Stinky, Industrial |

# Odor Samples February 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 2/24/2025 | 13:01 | vegetation | 2/25/2025 | 11:20 AM | 1051 | Vegetative |
| | MS-02 | 2/24/2025 | 13:48 | dirt | 2/25/2025 | 12:35 AM | 1768 | Paint, Electrical Fire |
| | MS-03 | 2/24/2025 | 12:38 | dirt | 2/25/2025 | 11:40 AM | 1403 | Vegetative |
| | MS-04 | 2/24/2025 | 13:21 | vegetation | 2/25/2025 | 9:35 AM | 1051 | |
| | MS-05 | 2/24/2025 | 12:58 | dirt | 2/25/2025 | 9:15 AM | 1486 | Chemical |
| | Working/Active | 2/24/2025 | 12:46 | trash/leachate | 2/25/2025 | 10:50 AM | 1768 | Sweet, Trash |
| | Reaction | 2/24/2025 | 13:35 | leachate | 2/25/2025 | 10:00 AM | 4665 | Landfill, Trash |
| Off-Site | MS-06 | 2/24/2025 | 12:29 | vegetation/gas | 2/25/2025 | 11:30 AM | 884 | Vegetative, Sweet |
| | MS-07 | 2/24/2025 | 13:56 | vegetation | 2/25/2025 | 11:50 AM | 2500 | Chemical, Paint |
| | MS-08 | 2/24/2025 | 14:32 | wet dirt | 2/25/2025 | 9:00 AM | 701 | Industrial |
| | MS-09 | 2/24/2025 | 14:48 | vegetation | 2/25/2025 | 9:45 AM | 1015 | Vegetative |
| | MS-10 | 2/24/2025 | 12:00 | vegetation | 2/25/2025 | 12:20 PM | 1403 | Clean, Fresh |
| | MS-11 | 2/24/2025 | 13:56 | vegetation | 2/25/2025 | 12:40 PM | 1768 | Rubber, Fresh |
| | MS-12 | 2/24/2025 | 14:24 | vegetation | 2/25/2025 | 12:10 PM | 3536 | Clean, Fresh |
| | SCV | 2/24/2025 | 11:49 | vegetation | 2/25/2025 | 10:20 AM | 1486 | Fresh, Clean |
| | Chiquito | 2/24/2025 | 14:09 | vegetation | 2/25/2025 | 12:00 PM | 1051 | Landfill, Trash, Offensive |
| | S End Lincoln | 2/24/2025 | 14:16 | vegetation | 2/25/2025 | 12:30 PM | 1768 | Vegetative |

# ATTACHMENT C

# WEEKLY 24-HR SAMPLE LABORATORY ANALYTICAL DATA

# Atmospheric Analysis & Consulting, Inc

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250272
REPORT DATE : 02/07/2025

On February 4, 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-07 | 250272-71022 | 706.5 |
| MS-12 | 250272-71023 | 740.0 |
| MS-08 | 250272-71024 | 679.5 |
| MS-09 | 250272-71025 | 580.0 |
| MS-10 | 250272-71026 | 730.0 |
| MS-06 | 250272-71027 | 729.0 |
| MS-11 | 250272-71028 | 721.5 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 17 pages.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250272
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/04/2025
DATE REPORTED : 02/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250272-71022 | | | | 250272-71023 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/05/2025 | | | | 02/05/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.38 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.21 | 1.44 | | 1 | 6.90 | 5.00 |
| Methanol | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 6.90 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.76 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.38 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.76 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.76 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.38 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.38 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.38 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.76 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.38 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250272
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/04/2025
DATE REPORTED : 02/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250272-71022 | | | | 250272-71023 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/05/2025 | | | | 02/05/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.38 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.38 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.38 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.69 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 103% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250272
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/04/2025
DATE REPORTED : 02/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) | MS-09 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250272-71024 | | | | 250272-71025 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/05/2025 | | | | 02/05/2025 | | | | |
| *Can Dilution Factor* | 1.50 | | | | 1.76 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Propene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.76 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.52 | <SRL | U | 1 | 8.82 | 5.00 |
| Methanol | <SRL | U | 1 | 7.52 | <SRL | U | 1 | 8.82 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 3.53 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.76 | 1.00 |
| Acetone | <SRL | U | 1 | 3.01 | 7.06 | | 1 | 3.53 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 3.53 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.76 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.76 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.76 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 3.53 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.76 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Hexane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Benzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250272
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/04/2025
DATE REPORTED : 02/07/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) | MS-09 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250272-71024 | | | | 250272-71025 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/05/2025 | | | | 02/05/2025 | | | | |
| *Can Dilution Factor* | 1.50 | | | | 1.76 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.76 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Heptane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Toluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.76 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.76 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Styrene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.88 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250272
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/04/2025
DATE REPORTED : 02/07/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250272-71026 | | | | 250272-71027 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/05/2025 | | | | 02/05/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 7.03 | 5.00 |
| Methanol | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 7.03 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | 3.55 | | 1 | 2.80 | <SRL | U | 1 | 2.81 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | 4.23 | | 1 | 2.80 | 3.23 | | 1 | 2.81 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.81 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |

# Atmospheric Analysis & Consulting, Inc

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250272
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/04/2025
DATE REPORTED : 02/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250272-71026 | | | | 250272-71027 | | | | |
| *Date Sampled* | 02/03/2025 | | | | 02/03/2025 | | | | |
| *Date Analyzed* | 02/05/2025 | | | | 02/05/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250272
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/04/2025
DATE REPORTED : 02/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250272-71028 | | | | |
| *Date Sampled* | 02/03/2025 | | | | |
| *Date Analyzed* | 02/05/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.07 | 5.00 |
| Methanol | <SRL | U | 1 | 7.07 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.83 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | 3.97 | | 1 | 2.83 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.83 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250272
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/04/2025
DATE REPORTED : 02/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250272-71028 | | | | |
| *Date Sampled* | 02/03/2025 | | | | |
| *Date Analyzed* | 02/05/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.41 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

***Laboratory Analysis Report***

*LIMONENE ANALYSIS VIA TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250272**
**MATRIX : AIR**

**DATE RECEIVED : 02/04/2025**
**DATE REPORTED : 02/07/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF's) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 250272-71022 | 02/03/2025 | 02/05/2025 | <SRL | 1.44 | 1.0 | 0.72 | 0.5 | 103% |
| MS-12 | 250272-71023 | 02/03/2025 | 02/05/2025 | <SRL | 1.38 | 1.0 | 0.69 | 0.5 | 100% |
| MS-08 | 250272-71024 | 02/03/2025 | 02/05/2025 | <SRL | 1.50 | 1.0 | 0.75 | 0.5 | 102% |
| MS-09 | 250272-71025 | 02/03/2025 | 02/05/2025 | <SRL | 1.76 | 1.0 | 0.88 | 0.5 | 100% |
| MS-10 | 250272-71026 | 02/03/2025 | 02/05/2025 | <SRL | 1.40 | 1.0 | 0.70 | 0.5 | 102% |
| MS-06 | 250272-71027 | 02/03/2025 | 02/05/2025 | <SRL | 1.41 | 1.0 | 0.70 | 0.5 | 102% |
| MS-11 | 250272-71028 | 02/03/2025 | 02/05/2025 | <SRL | 1.41 | 1.0 | 0.71 | 0.5 | 102% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/05/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/24/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 10.02 | 107 |
| Chlorodifluoromethane | 10.20 | 9.28 | 91 |
| Propene | 10.70 | 8.61 | 80 |
| Dichlorodifluoromethane | 10.40 | 12.59 | 121 |
| Dimethyl Ether | 10.10 | 8.05 | 80 |
| Chloromethane | 10.50 | 8.63 | 82 |
| Dichlorotetrafluoroethane | 10.20 | 13.05 | 128 |
| Vinyl Chloride | 10.60 | 10.36 | 98 |
| Acetaldehyde | 20.90 | 16.50 | 79 |
| Methanol | 20.40 | 14.81 | 73 |
| 1,3-Butadiene | 10.70 | 9.71 | 91 |
| Bromomethane | 10.40 | 12.73 | 122 |
| Chloroethane | 10.40 | 10.83 | 104 |
| Dichlorofluoromethane | 10.10 | 10.55 | 104 |
| Ethanol | 11.40 | 8.10 | 71 |
| Vinyl Bromide | 10.10 | 12.09 | 120 |
| Acrolein | 10.90 | 10.06 | 92 |
| Acetone | 10.60 | 9.27 | 87 |
| Trichlorofluoromethane | 10.50 | 12.42 | 118 |
| 2-Propanol (IPA) | 11.00 | 8.61 | 78 |
| Acrylonitrile | 11.10 | 9.87 | 89 |
| 1,1-Dichloroethene | 10.50 | 12.40 | 118 |
| Methylene Chloride (DCM) | 10.40 | 12.04 | 116 |
| TertButanol (TBA) | 11.20 | 10.93 | 98 |
| Allyl Chloride | 10.20 | 8.56 | 84 |
| Carbon Disulfide | 10.50 | 11.44 | 109 |
| Trichlorotrifluoroethane | 10.30 | 12.95 | 126 |
| trans-1,2-Dichloroethene | 10.80 | 12.92 | 120 |
| 1,1-Dichloroethane | 10.70 | 10.83 | 101 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 11.78 | 110 |
| Vinyl Acetate | 11.00 | 9.02 | 82 |
| 2-Butanone (MEK) | 10.70 | 11.36 | 106 |
| cis-1,2-Dichloroethene | 10.70 | 12.80 | 120 |
| Hexane | 10.80 | 12.10 | 112 |
| Chloroform | 10.70 | 12.31 | 115 |
| Ethyl Acetate | 10.70 | 8.80 | 82 |
| Tetrahydrofuran | 10.40 | 10.59 | 102 |
| 1,2-Dichloroethane | 10.60 | 10.66 | 101 |
| 1,1,1-Trichloroethane | 10.50 | 12.36 | 118 |
| Benzene | 10.70 | 11.58 | 108 |
| Carbon Tetrachloride | 10.30 | 13.06 | 127 |
| Cyclohexane | 10.50 | 11.83 | 113 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 11.11 | 104 |
| Bromodichloromethane | 10.50 | 12.24 | 117 |
| 1,4-Dioxane | 10.50 | 12.39 | 118 |
| Trichloroethene (TCE) | 10.50 | 12.55 | 120 |
| 2,2,4-Trimethylpentane | 10.10 | 9.67 | 96 |
| Methyl Methacrylate | 11.00 | 12.55 | 114 |
| Heptane | 10.50 | 12.28 | 117 |
| cis-1,3-Dichloropropene | 10.50 | 12.23 | 116 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 10.14 | 97 |
| trans-1,3-Dichloropropene | 10.60 | 11.68 | 110 |
| 1,1,2-Trichloroethane | 10.60 | 12.78 | 121 |
| Toluene | 10.80 | 11.98 | 111 |
| 2-Hexanone (MBK) | 10.50 | 10.76 | 102 |
| Dibromochloromethane | 10.60 | 13.71 | 129 |
| 1,2-Dibromoethane | 10.60 | 13.46 | 127 |
| Tetrachloroethene (PCE) | 10.50 | 13.01 | 124 |
| Chlorobenzene | 10.80 | 13.00 | 120 |
| Ethylbenzene | 10.60 | 11.37 | 107 |
| m & p-Xylene | 21.20 | 21.94 | 103 |
| Bromoform | 10.60 | 12.55 | 118 |
| Styrene | 10.60 | 12.93 | 122 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 12.09 | 114 |
| o-Xylene | 10.60 | 11.48 | 108 |
| 1,2,3-Trichloropropane | 11.00 | 13.18 | 120 |
| Isopropylbenzene (Cumene) | 10.40 | 12.41 | 119 |
| α-Pinene | 10.80 | 11.62 | 108 |
| 2-Chlorotoluene | 10.30 | 12.92 | 125 |
| n-Propylbenzene | 10.10 | 12.38 | 123 |
| 4-Ethyltoluene | 10.40 | 12.70 | 122 |
| 1,3,5-Trimethylbenzene | 10.30 | 11.78 | 114 |
| β-Pinene | 10.90 | 12.90 | 118 |
| 1,2,4-Trimethylbenzene | 10.30 | 12.58 | 122 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 12.38 | 120 |
| 1,3-Dichlorobenzene | 10.30 | 12.27 | 119 |
| 1,4-Dichlorobenzene | 10.20 | 12.26 | 120 |
| Sec-ButylBenzene | 10.00 | 11.40 | 114 |
| 1,2-Dichlorobenzene | 10.40 | 12.96 | 125 |
| n-ButylBenzene | 10.20 | 12.44 | 122 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 12.34 | 122 |
| 1,2,4-Trichlorobenzene | 10.50 | 13.10 | 125 |
| Naphthalene HR | 10.90 | 15.07 | 138 |
| Hexachlorobutadiene | 10.80 | 13.70 | 127 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

HR - Recovery for this compound was high. Results should be considered biased high.

* - β-Pinene results are estimated.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/05/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 10.02 | 9.93 | 107 | 106 | 0.9 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 12.40 | 11.08 | 118 | 106 | 11.2 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 12.04 | 10.55 | 116 | 101 | 13.2 |
| Benzene | 0.0 | 10.70 | 11.58 | 10.10 | 108 | 94 | 13.7 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 12.55 | 11.12 | 120 | 106 | 12.1 |
| Toluene | 0.0 | 10.80 | 11.98 | 10.67 | 111 | 99 | 11.6 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 13.01 | 11.51 | 124 | 110 | 12.2 |
| Chlorobenzene | 0.0 | 10.80 | 13.00 | 11.83 | 120 | 110 | 9.4 |
| Ethylbenzene | 0.0 | 10.60 | 11.37 | 10.40 | 107 | 98 | 8.9 |
| m & p-Xylene | 0.0 | 21.20 | 21.94 | 19.59 | 103 | 92 | 11.3 |
| o-Xylene | 0.0 | 10.60 | 11.48 | 10.31 | 108 | 97 | 10.7 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/05/2025** | **INSTRUMENT ID : GC/MS-04**

**MATRIX : High Purity He or $N_2$** | **ANALYST : DL**

**UNITS : PPB (v/v)**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 020525* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 0% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 020525* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/05/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x30.41

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250275-71046

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.49 | 9.65 | 1.7 |
| Chlorodifluoromethane | <SRL | <SRL | |
| Propene | 1150 | 1320 | 13.5 |
| Dichlorodifluoromethane | <SRL | <SRL | |
| Dimethyl Ether | <SRL | <SRL | |
| Chloromethane | <SRL | <SRL | |
| Dichlorotetrafluoroethane | <SRL | <SRL | |
| Vinyl Chloride | <SRL | <SRL | |
| Acetaldehyde | <SRL | <SRL | |
| Methanol | <SRL | <SRL | |
| 1,3-Butadiene | <SRL | <SRL | |
| Bromomethane | <SRL | <SRL | |
| Chloroethane | <SRL | <SRL | |
| Dichlorofluoromethane | <SRL | <SRL | |
| Ethanol | <SRL | <SRL | |
| Vinyl Bromide | <SRL | <SRL | |
| Acrolein | <SRL | <SRL | |
| Acetone | <SRL | <SRL | |
| Trichlorofluoromethane | <SRL | <SRL | |
| 2-Propanol (IPA) | <SRL | <SRL | |
| Acrylonitrile | <SRL | <SRL | |
| 1,1-Dichloroethene | <SRL | <SRL | |
| Methylene Chloride (DCM) | <SRL | <SRL | |
| TertButanol (TBA) | <SRL | <SRL | |
| Allyl Chloride | <SRL | <SRL | |
| Carbon Disulfide | <SRL | <SRL | |
| Trichlorotrifluoroethane | <SRL | <SRL | |
| trans-1,2-Dichloroethene | <SRL | <SRL | |
| 1,1-Dichloroethane | <SRL | <SRL | |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | |
| Vinyl Acetate | <SRL | <SRL | |
| 2-Butanone (MEK) | <SRL | <SRL | |
| cis-1,2-Dichloroethene | <SRL | <SRL | |
| Hexane | <SRL | <SRL | |
| Chloroform | <SRL | <SRL | |
| Ethyl Acetate | <SRL | <SRL | |
| Tetrahydrofuran | <SRL | <SRL | |
| 1,2-Dichloroethane | <SRL | <SRL | |
| 1,1,1-Trichloroethane | <SRL | <SRL | |
| Benzene | <SRL | <SRL | |
| Carbon Tetrachloride | <SRL | <SRL | |
| Cyclohexane | <SRL | <SRL | |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | |
| Bromodichloromethane | <SRL | <SRL | |
| 1,4-Dioxane | <SRL | <SRL | |
| Trichloroethene (TCE) | <SRL | <SRL | |
| 2,2,4-Trimethylpentane | <SRL | <SRL | |
| Methyl Methacrylate | <SRL | <SRL | |
| Heptane | <SRL | <SRL | |
| cis-1,3-Dichloropropene | <SRL | <SRL | |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | |
| trans-1,3-Dichloropropene | <SRL | <SRL | |
| 1,1,2-Trichloroethane | <SRL | <SRL | |
| Toluene | <SRL | <SRL | |
| 2-Hexanone (MBK) | <SRL | <SRL | |
| Dibromochloromethane | <SRL | <SRL | |
| 1,2-Dibromoethane | <SRL | <SRL | |
| Tetrachloroethene (PCE) | <SRL | <SRL | |
| Chlorobenzene | <SRL | <SRL | |
| Ethylbenzene | <SRL | <SRL | |
| m & p-Xylene | <SRL | <SRL | |
| Bromoform | <SRL | <SRL | |
| Styrene | <SRL | <SRL | |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | |
| o-Xylene | <SRL | <SRL | |
| 1,2,3-Trichloropropane | <SRL | <SRL | |
| Isopropylbenzene (Cumene) | <SRL | <SRL | |
| α-Pinene | <SRL | <SRL | |
| 2-Chlorotoluene | <SRL | <SRL | |
| n-Propylbenzene | <SRL | <SRL | |
| 4-Ethyltoluene | <SRL | <SRL | |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | |
| β-Pinene | <SRL | <SRL | |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | |
| 1,3-Dichlorobenzene | <SRL | <SRL | |
| 1,4-Dichlorobenzene | <SRL | <SRL | |
| Sec-ButylBenzene | <SRL | <SRL | |
| 1,2-Dichlorobenzene | <SRL | <SRL | |
| n-ButylBenzene | <SRL | <SRL | |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | |
| Naphthalene | <SRL | <SRL | |
| Hexachlorobutadiene | <SRL | <SRL | |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is < 25%).

SRL = Sample Reporting Limit (minimum)

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/05/2025
MATRIX : High Purity He or $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 020525* | *PQL*[1] | *MDL*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 98% | 100±30% | |
| Chlorodifluoromethane | <PQL | 0.5 | 0.083 |
| Propene | <PQL | 1.0 | 0.125 |
| Dichlorodifluoromethane | <PQL | 0.5 | 0.028 |
| Dimethyl Ether | <PQL | 0.5 | 0.084 |
| Chloromethane | <PQL | 0.5 | 0.139 |
| Dichlorotetrafluoroethane | <PQL | 0.5 | 0.028 |
| Vinyl Chloride | <PQL | 0.5 | 0.044 |
| Acetaldehyde | <PQL | 5.0 | 0.962 |
| Methanol | <PQL | 5.0 | 0.178 |
| 1,3-Butadiene | <PQL | 0.5 | 0.057 |
| Bromomethane | <PQL | 0.5 | 0.058 |
| Chloroethane | <PQL | 0.5 | 0.459 |
| Dichlorofluoromethane | <PQL | 0.5 | 0.051 |
| Ethanol | 0.54 | 2.0 | 0.085 |
| Vinyl Bromide | <PQL | 0.5 | 0.059 |
| Acrolein | <PQL | 1.0 | 0.166 |
| Acetone | <PQL | 2.0 | 0.070 |
| Trichlorofluoromethane | <PQL | 0.5 | 0.029 |
| 2-Propanol (IPA) | <PQL | 2.0 | 0.091 |
| Acrylonitrile | <PQL | 1.0 | 0.424 |
| 1,1-Dichloroethene | <PQL | 0.5 | 0.046 |
| Methylene Chloride (DCM) | <PQL | 1.0 | 0.146 |
| TertButanol (TBA) | <PQL | 0.5 | 0.100 |
| Allyl Chloride | <PQL | 1.0 | 0.112 |
| Carbon Disulfide | <PQL | 2.0 | 0.057 |
| Trichlorotrifluoroethane | <PQL | 0.5 | 0.037 |
| trans-1,2-Dichloroethene | <PQL | 0.5 | 0.050 |
| 1,1-Dichloroethane | <PQL | 0.5 | 0.074 |
| Methyl Tert Butyl Ether (MTBE) | <PQL | 0.5 | 0.045 |
| Vinyl Acetate | <PQL | 0.5 | 0.121 |
| 2-Butanone (MEK) | <PQL | 1.0 | 0.139 |
| cis-1,2-Dichloroethene | <PQL | 0.5 | 0.059 |
| Hexane | <PQL | 0.5 | 0.115 |
| Chloroform | <PQL | 0.5 | 0.036 |
| Ethyl Acetate | <PQL | 0.5 | 0.142 |
| Tetrahydrofuran | <PQL | 0.5 | 0.090 |
| 1,2-Dichloroethane | <PQL | 0.5 | 0.071 |
| 1,1,1-Trichloroethane | <PQL | 0.5 | 0.038 |
| Benzene | <PQL | 0.5 | 0.071 |
| Carbon Tetrachloride | <PQL | 0.5 | 0.035 |
| Cyclohexane | <PQL | 0.5 | 0.059 |

| *Analyte Compounds (Continued)* | *MB 020525* | *PQL*[1] | *MDL*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <PQL | 0.5 | 0.097 |
| Bromodichloromethane | <PQL | 0.5 | 0.046 |
| 1,4-Dioxane | <PQL | 1.0 | 0.049 |
| Trichloroethene (TCE) | <PQL | 0.5 | 0.048 |
| 2,2,4-Trimethylpentane | <PQL | 0.5 | 0.086 |
| Methyl Methacrylate | <PQL | 0.5 | 0.055 |
| Heptane | <PQL | 0.5 | 0.075 |
| cis-1,3-Dichloropropene | <PQL | 0.5 | 0.065 |
| 4-Methyl-2-pentanone (MiBK) | <PQL | 0.5 | 0.150 |
| trans-1,3-Dichloropropene | <PQL | 0.5 | 0.061 |
| 1,1,2-Trichloroethane | <PQL | 0.5 | 0.068 |
| Toluene | <PQL | 0.5 | 0.074 |
| 2-Hexanone (MBK) | <PQL | 1.0 | 0.173 |
| Dibromochloromethane | <PQL | 0.5 | 0.022 |
| 1,2-Dibromoethane | <PQL | 0.5 | 0.053 |
| Tetrachloroethene (PCE) | <PQL | 0.5 | 0.040 |
| Chlorobenzene | <PQL | 0.5 | 0.044 |
| Ethylbenzene | <PQL | 0.5 | 0.042 |
| m & p-Xylene | <PQL | 1.0 | 0.102 |
| Bromoform | <PQL | 0.5 | 0.038 |
| Styrene | <PQL | 0.5 | 0.050 |
| 1,1,2,2-Tetrachloroethane | <PQL | 0.5 | 0.039 |
| o-Xylene | <PQL | 0.5 | 0.042 |
| 1,2,3-Trichloropropane | <PQL | 0.5 | 0.043 |
| Isopropylbenzene (Cumene) | <PQL | 0.5 | 0.030 |
| α-Pinene | <PQL | 0.5 | 0.062 |
| 2-Chlorotoluene | <PQL | 0.5 | 0.041 |
| n-Propylbenzene | <PQL | 0.5 | 0.042 |
| 4-Ethyltoluene | <PQL | 0.5 | 0.033 |
| 1,3,5-Trimethylbenzene | <PQL | 0.5 | 0.041 |
| β-Pinene | <PQL | 0.5 | 0.470 |
| 1,2,4-Trimethylbenzene | <PQL | 0.5 | 0.037 |
| Benzyl Chloride (a-Chlorotoluene) | <PQL | 0.5 | 0.058 |
| 1,3-Dichlorobenzene | <PQL | 0.5 | 0.039 |
| 1,4-Dichlorobenzene | <PQL | 0.5 | 0.056 |
| Sec-ButylBenzene | <PQL | 0.5 | 0.059 |
| 1,2-Dichlorobenzene | <PQL | 0.5 | 0.041 |
| n-ButylBenzene | <PQL | 0.5 | 0.068 |
| 1,2-Dibromo-3-Chloropropane | <PQL | 0.5 | 0.069 |
| 1,2,4-Trichlorobenzene | <PQL | 0.5 | 0.158 |
| Naphthalene | <PQL | 0.5 | 0.240 |
| Hexachlorobutadiene | <PQL | 0.5 | 0.133 |

[1] Practical Quantitation Limit (PQL)
[2] Method Detection Limit (MDL)

# CHAIN OF CUSTODY RECORD 250272

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** | **No. Of Containers** |
| D Hernandez | | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/3-4/25 | 0710 - 0710 | 71022 | 6L Summa Canister | x | x | | | -1 H6 | 002168 / 19504 |
| MS-12 | 2/3-4/25 | 0720 - 0720 | 71023 | 6L SummaCanister | x | x | | | -4 H6 | 002009 / 19510 |
| MS-08 | 2/3-4/25 | 0730 - 0730 | 71024 | 6L Summa Canister | x | x | | | -4 H6 | 001927 / 17589 |
| MS-09 | 2/3-4/25 | 0740 - 0740 | 71025 | 6L Summa Canister | x | x | | | -9 H6 | 001964 / 19596 |
| MS-10 | 2/3-4/25 | 0755 - 0755 | 71026 | 6L Summa Canister | x | x | | | 0 H6 | 001973 / 19507 |
| MS-06 | 2/3-4/25 | 0810 - 0810 | 71027 | 6L Summa Canister | x | x | | | -3 H6 | 002051 / FC76 |
| MS-11 | 2/3-4/25 | 0835 - 0835 | 71028 | 6L Summa Canister | x | x | | | -4 H6 | 002037 / 19506 |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 2/4/25 | 0910 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 2/4/25 | 0910 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7d and 7d canister Excelsior

# CHAIN OF CUSTODY RECORD 250272

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/3-4/25 | 0710 - 0710 | 71029 | 10 Liter Bag | X | | | | | |
| MS-12 | 2/3-4/25 | 0720 - 0720 | 71030 | 10 Liter Bag | X | | | | | |
| MS-08 | 2/3-4/25 | 0730 - 0730 | 71031 | 10 Liter Bag | X | | | | | |
| MS-09 | 2/3-4/25 | 0740 - 0740 | 71032 | 10 Liter Bag | X | | | | | |
| MS-10 | 2/3-4/25 | 0755 - 0755 | 71033 | 10 Liter Bag | X | | | | | |
| MS-06 | 2/3-4/25 | 0810 - 0810 | 71034 | 10 Liter Bag | X | | | | | |
| MS-11 | 2/3-4/25 | 0835 - 0835 | 71035 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 2/4/25 | 0910 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 2/4/25 | 0910 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250272
REPORT DATE : 02/06/2025

On February 4th 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite Canisters, and seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-07 | 250272-71022 | 706.5 | MS-07 | 250272-71029 |
| MS-12 | 250272-71023 | 740.0 | MS-12 | 250272-71030 |
| MS-08 | 250272-71024 | 679.5 | MS-08 | 250272-71031 |
| MS-09 | 250272-71025 | 580.0 | MS-09 | 250272-71032 |
| MS-10 | 250272-71026 | 730.0 | MS-10 | 250272-71033 |
| MS-06 | 250272-71027 | 729.0 | MS-06 | 250272-71034 |
| MS-11 | 250272-71028 | 721.5 | MS-11 | 250272-71035 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 9 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250272**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/03-04/2025**
**RECEIVING DATE : 02/04/2025**
**ANALYSIS DATE : 02/06/2025**
**REPORT DATE : 02/06/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250272-71022 | 250272-71023 | 250272-71024 | 250272-71025 |
| Canister Dil. Fac. | 1.44 | 1.38 | 1.50 | 1.76 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| COS / SO2 | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Methyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Ethyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Dimethyl Sulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Carbon Disulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Isopropyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| tert-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| n-Propyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Methylethylsulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| sec-Butyl Mercaptan / Thiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| iso-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Diethyl Sulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| n-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Dimethyl Disulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| 2-Methylthiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| 3-Methylthiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Tetrahydrothiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Bromothiophene | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Thiophenol | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Diethyl Disulfide | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Total Unidentified Sulfur | < 0.007 | < 0.007 | < 0.008 | < 0.009 |
| Total Reduced Sulfurs | < 0.007 | < 0.007 | < 0.008 | < 0.009 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250272**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/03-04/2025**
**RECEIVING DATE : 02/04/2025**
**ANALYSIS DATE : 02/06/2025**
**REPORT DATE : 02/06/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250272-71026 | 250272-71027 | 250272-71028 |
| Canister Dil. Fac. | 1.40 | 1.41 | 1.41 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.007 | < 0.007 | < 0.007 |
| COS / SO2 | < 0.007 | < 0.007 | < 0.007 |
| Methyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Ethyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Dimethyl Sulfide | < 0.007 | < 0.007 | < 0.007 |
| Carbon Disulfide | < 0.007 | < 0.007 | < 0.007 |
| Isopropyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| tert-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| n-Propyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Methylethylsulfide | < 0.007 | < 0.007 | < 0.007 |
| sec-Butyl Mercaptan / Thiophene | < 0.007 | < 0.007 | < 0.007 |
| iso-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Diethyl Sulfide | < 0.007 | < 0.007 | < 0.007 |
| n-Butyl Mercaptan | < 0.007 | < 0.007 | < 0.007 |
| Dimethyl Disulfide | < 0.007 | < 0.007 | < 0.007 |
| 2-Methylthiophene | < 0.007 | < 0.007 | < 0.007 |
| 3-Methylthiophene | < 0.007 | < 0.007 | < 0.007 |
| Tetrahydrothiophene | < 0.007 | < 0.007 | < 0.007 |
| Bromothiophene | < 0.007 | < 0.007 | < 0.007 |
| Thiophenol | < 0.007 | < 0.007 | < 0.007 |
| Diethyl Disulfide | < 0.007 | < 0.007 | < 0.007 |
| Total Unidentified Sulfur | < 0.007 | < 0.007 | < 0.007 |
| Total Reduced Sulfurs | < 0.007 | < 0.007 | < 0.007 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250272**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/03-04/2025**
**RECEIVING DATE : 02/04/2025**
**ANALYSIS DATE : 02/04/2025**
**REPORT DATE : 02/06/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250272-71029 | 250272-71030 | 250272-71031 | 250272-71032 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250272**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/03-04/2025**
**RECEIVING DATE : 02/04/2025**
**ANALYSIS DATE : 02/04/2025**
**REPORT DATE : 02/06/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250272-71033 | 250272-71034 | 250272-71035 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit . x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/4/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7794 | 0.495 | 100.2 | 1.0 |
| Duplicate | 7761 | 0.493 | 99.8 | 0.6 |
| Triplicate | 7600 | 0.483 | 97.7 | 1.5 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7185 | 0.492 | 97.0 | 0.8 |
| Duplicate | 7160 | 0.490 | 96.6 | 0.4 |
| Triplicate | 7050 | 0.483 | 95.1 | 1.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7859 | 0.478 | 99.5 | 1.0 |
| Duplicate | 7860 | 0.478 | 99.5 | 1.1 |
| Triplicate | 7615 | 0.463 | 96.4 | 2.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250268-71011**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250268-71011 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.230 | 0.248 | 93.1 | 100.4 | 7.5 |
| MeSH | <PQL | 0.254 | 0.230 | 0.231 | 90.6 | 91.0 | 0.4 |
| DMS | <PQL | 0.240 | 0.217 | 0.220 | 90.3 | 91.6 | 1.4 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.462 | 93.5 |
| MeSH | 0.508 | 0.475 | 93.6 |
| DMS | 0.481 | 0.460 | 95.7 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/6/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8001 | 0.508 | 102.9 | 1.8 |
| Duplicate | 7922 | 0.503 | 101.8 | 0.8 |
| Triplicate | 7663 | 0.487 | 98.5 | 2.5 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7496 | 0.513 | 101.2 | 1.4 |
| Duplicate | 7431 | 0.509 | 100.3 | 0.5 |
| Triplicate | 7256 | 0.497 | 97.9 | 1.9 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8272 | 0.503 | 104.7 | 2.2 |
| Duplicate | 8094 | 0.492 | 102.5 | 0.0 |
| Triplicate | 7914 | 0.481 | 100.2 | 2.2 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.234 | 0.237 | 94.7 | 96.0 | 1.3 |
| MeSH | <PQL | 0.254 | 0.229 | 0.242 | 90.2 | 95.4 | 5.5 |
| DMS | <PQL | 0.240 | 0.236 | 0.237 | 98.2 | 98.6 | 0.4 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.539 | 109.1 |
| MeSH | 0.508 | 0.522 | 102.9 |
| DMS | 0.481 | 0.500 | 104.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250272

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/3-4/25 | 0710 - 0710 | 71022 | 6L Summa Canister | x | x | | | -1 H6 | 002168 / 19504 |
| MS-12 | 2/3-4/25 | 0720 - 0720 | 71023 | 6L SummaCanister | x | x | | | -4 H6 | 002009 / 19510 |
| MS-08 | 2/3-4/25 | 0730 - 0730 | 71024 | 6L Summa Canister | x | x | | | -4 H6 | 001927 / 17589 |
| MS-09 | 2/3-4/25 | 0740 - 0740 | 71025 | 6L Summa Canister | x | x | | | -9 H6 | 001964 / 19596 |
| MS-10 | 2/3-4/25 | 0755 - 0755 | 71026 | 6L Summa Canister | x | x | | | 0 H6 | 001973 / 19507 |
| MS-06 | 2/3-4/25 | 0810 - 0810 | 71027 | 6L Summa Canister | x | x | | | -3 H6 | 002051 / FC76 |
| MS-11 | 2/3-4/25 | 0835 - 0835 | 71028 | 6L Summa Canister | x | x | | | -4 H6 | 002037 / 19506 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 2/4/25 | 0910 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 2/4/25 | 0910 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250272

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** D Hernandez | **(Signature)** |
| **No. Of Containers** 7 | |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/3-4/25 | 0710 - 0710 | 71029 | 10 Liter Bag | X | | | | | |
| MS-12 | 2/3-4/25 | 0720 - 0720 | 71030 | 10 Liter Bag | X | | | | | |
| MS-08 | 2/3-4/25 | 0730 - 0730 | 71031 | 10 Liter Bag | X | | | | | |
| MS-09 | 2/3-4/25 | 0740 - 0740 | 71032 | 10 Liter Bag | X | | | | | |
| MS-10 | 2/3-4/25 | 0755 - 0755 | 71033 | 10 Liter Bag | X | | | | | |
| MS-06 | 2/3-4/25 | 0810 - 0810 | 71034 | 10 Liter Bag | X | | | | | |
| MS-11 | 2/3-4/25 | 0835 - 0835 | 71035 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 2/4/25 | 0910 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 2/4/25 | 0910 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita Canyon Landfill Air/Odor Sampling |
| AAC PROJECT NO. | : 250331 |
| REPORT DATE | : 02/14/2025 |

On February 11, 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-07 | 250331-71294 | 639.5 |
| MS-12 | 250331-71295 | 722.0 |
| MS-08 | 250331-71296 | 610.0 |
| MS-09 | 250331-71297 | 625.5 |
| MS-10 | 250331-71298 | 524.0 |
| MS-06 | 250331-71299 | VOID |
| MS-11 | 250331-71300 | 432.0 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Sample "MS-06" (71299) was received with the valve open was and voided. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 14 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250331
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/11/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250331-71294 | | | | 250331-71295 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/12/2025 | | | | 02/12/2025 | | | | |
| *Can Dilution Factor* | 1.59 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.97 | <SRL | U | 1 | 7.05 | 5.00 |
| Methanol | <SRL | U | 1 | 7.97 | <SRL | U | 1 | 7.05 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.19 | <SRL | U | 1 | 2.82 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | <SRL | U | 1 | 3.19 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.19 | <SRL | U | 1 | 2.82 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.19 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250331
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/11/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250331-71294 | | | | 250331-71295 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/12/2025 | | | | 02/12/2025 | | | | |
| *Can Dilution Factor* | 1.59 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.41 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.59 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.80 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250331
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/11/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250331-71296 | | | | 250331-71297 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/12/2025 | | | | 02/12/2025 | | | | |
| *Can Dilution Factor* | 1.66 | | | | 1.63 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Propene | <SRL | U | 1 | 1.66 | <SRL | U | 1 | 1.63 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 8.32 | <SRL | U | 1 | 8.13 | 5.00 |
| Methanol | <SRL | U | 1 | 8.32 | <SRL | U | 1 | 8.13 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.33 | <SRL | U | 1 | 3.25 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.66 | <SRL | U | 1 | 1.63 | 1.00 |
| Acetone | <SRL | U | 1 | 3.33 | 4.05 | | 1 | 3.25 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.33 | <SRL | U | 1 | 3.25 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.66 | <SRL | U | 1 | 1.63 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.66 | <SRL | U | 1 | 1.63 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.66 | <SRL | U | 1 | 1.63 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.33 | <SRL | U | 1 | 3.25 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.66 | <SRL | U | 1 | 1.63 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Hexane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Benzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250331
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/11/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) | MS-09 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250331-71296 | | | | 250331-71297 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/12/2025 | | | | 02/12/2025 | | | | |
| *Can Dilution Factor* | 1.66 | | | | 1.63 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.66 | <SRL | U | 1 | 1.63 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Heptane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Toluene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.66 | <SRL | U | 1 | 1.63 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.66 | <SRL | U | 1 | 1.63 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Styrene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.83 | <SRL | U | 1 | 0.81 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250331
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/11/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250331-71298 | | | | 250331-71300 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/12/2025 | | | | 02/12/2025 | | | | |
| *Can Dilution Factor* | 1.98 | | | | 2.37 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Propene | <SRL | U | 1 | 1.98 | <SRL | U | 1 | 2.37 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 9.89 | <SRL | U | 1 | 11.9 | 5.00 |
| Methanol | <SRL | U | 1 | 9.89 | <SRL | U | 1 | 11.9 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.95 | <SRL | U | 1 | 4.74 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.98 | <SRL | U | 1 | 2.37 | 1.00 |
| Acetone | <SRL | U | 1 | 3.95 | <SRL | U | 1 | 4.74 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.95 | <SRL | U | 1 | 4.74 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.98 | <SRL | U | 1 | 2.37 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.98 | <SRL | U | 1 | 2.37 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.98 | <SRL | U | 1 | 2.37 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.95 | <SRL | U | 1 | 4.74 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.98 | <SRL | U | 1 | 2.37 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Hexane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Benzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250331
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/11/2025
DATE REPORTED : 02/14/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250331-71298 | | | | 250331-71300 | | | | |
| *Date Sampled* | 02/10/2025 | | | | 02/10/2025 | | | | |
| *Date Analyzed* | 02/12/2025 | | | | 02/12/2025 | | | | |
| *Can Dilution Factor* | 1.98 | | | | 2.37 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.98 | <SRL | U | 1 | 2.37 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Heptane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Toluene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.98 | <SRL | U | 1 | 2.37 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.98 | <SRL | U | 1 | 2.37 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Styrene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.99 | <SRL | U | 1 | 1.19 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 103% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*
*LIMONENE ANALYSIS VIA TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250331**
**MATRIX : AIR**

**DATE RECEIVED : 02/11/2025**
**DATE REPORTED : 02/14/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF's) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 250331-71294 | 02/10/2025 | 02/12/2025 | <SRL | 1.59 | 1.0 | 0.80 | 0.5 | 100% |
| MS-12 | 250331-71295 | 02/10/2025 | 02/12/2025 | <SRL | 1.41 | 1.0 | 0.70 | 0.5 | 101% |
| MS-08 | 250331-71296 | 02/10/2025 | 02/12/2025 | <SRL | 1.66 | 1.0 | 0.83 | 0.5 | 100% |
| MS-09 | 250331-71297 | 02/10/2025 | 02/12/2025 | <SRL | 1.63 | 1.0 | 0.81 | 0.5 | 102% |
| MS-10 | 250331-71298 | 02/10/2025 | 02/12/2025 | <SRL | 1.98 | 1.0 | 0.99 | 0.5 | 101% |
| MS-11 | 250331-71300 | 02/10/2025 | 02/12/2025 | <SRL | 2.37 | 1.0 | 1.19 | 0.5 | 103% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 02/12/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-010825-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/24/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 10.08 | 107 |
| Chlorodifluoromethane | 10.20 | 8.56 | 84 |
| Propene | 10.70 | 8.27 | 77 |
| Dichlorodifluoromethane | 10.40 | 11.08 | 107 |
| Dimethyl Ether | 10.10 | 7.73 | 77 |
| Chloromethane | 10.50 | 8.10 | 77 |
| Dichlorotetrafluoroethane | 10.20 | 11.87 | 116 |
| Vinyl Chloride | 10.60 | 9.88 | 93 |
| Acetaldehyde | 20.90 | 15.72 | 75 |
| Methanol | 20.40 | 14.40 | 71 |
| 1,3-Butadiene | 10.70 | 9.08 | 85 |
| Bromomethane | 10.40 | 11.57 | 111 |
| Chloroethane | 10.40 | 9.77 | 94 |
| Dichlorofluoromethane | 10.10 | 9.80 | 97 |
| Ethanol | 11.40 | 7.99 | 70 |
| Vinyl Bromide | 10.10 | 10.80 | 107 |
| Acrolein | 10.90 | 9.59 | 88 |
| Acetone | 10.60 | 7.90 | 75 |
| Trichlorofluoromethane | 10.50 | 11.15 | 106 |
| 2-Propanol (IPA) | 11.00 | 8.06 | 73 |
| Acrylonitrile | 11.10 | 9.59 | 86 |
| 1,1-Dichloroethene | 10.50 | 11.16 | 106 |
| Methylene Chloride (DCM) | 10.40 | 10.85 | 104 |
| TertButanol (TBA) | 11.20 | 10.00 | 89 |
| Allyl Chloride | 10.20 | 8.06 | 79 |
| Carbon Disulfide | 10.50 | 10.32 | 98 |
| Trichlorotrifluoroethane | 10.30 | 11.24 | 109 |
| trans-1,2-Dichloroethene | 10.80 | 11.40 | 106 |
| 1,1-Dichloroethane | 10.70 | 9.91 | 93 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.40 | 97 |
| Vinyl Acetate | 11.00 | 8.49 | 77 |
| 2-Butanone (MEK) | 10.70 | 10.27 | 96 |
| cis-1,2-Dichloroethene | 10.70 | 11.29 | 106 |
| Hexane | 10.80 | 10.45 | 97 |
| Chloroform | 10.70 | 10.76 | 101 |
| Ethyl Acetate | 10.70 | 8.22 | 77 |
| Tetrahydrofuran | 10.40 | 10.14 | 98 |
| 1,2-Dichloroethane | 10.60 | 9.57 | 90 |
| 1,1,1-Trichloroethane | 10.50 | 10.85 | 103 |
| Benzene | 10.70 | 10.50 | 98 |
| Carbon Tetrachloride | 10.30 | 11.52 | 112 |
| Cyclohexane | 10.50 | 11.00 | 105 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.37 | 97 |
| Bromodichloromethane | 10.50 | 11.19 | 107 |
| 1,4-Dioxane | 10.50 | 10.97 | 104 |
| Trichloroethene (TCE) | 10.50 | 11.31 | 108 |
| 2,2,4-Trimethylpentane | 10.10 | 9.16 | 91 |
| Methyl Methacrylate | 11.00 | 11.25 | 102 |
| Heptane | 10.50 | 10.91 | 104 |
| cis-1,3-Dichloropropene | 10.50 | 11.03 | 105 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.27 | 88 |
| trans-1,3-Dichloropropene | 10.60 | 10.53 | 99 |
| 1,1,2-Trichloroethane | 10.60 | 11.63 | 110 |
| Toluene | 10.80 | 10.85 | 100 |
| 2-Hexanone (MBK) | 10.50 | 9.43 | 90 |
| Dibromochloromethane | 10.60 | 12.36 | 117 |
| 1,2-Dibromoethane | 10.60 | 12.17 | 115 |
| Tetrachloroethene (PCE) | 10.50 | 11.66 | 111 |
| Chlorobenzene | 10.80 | 11.99 | 111 |
| Ethylbenzene | 10.60 | 10.60 | 100 |
| m & p-Xylene | 21.20 | 20.18 | 95 |
| Bromoform | 10.60 | 11.33 | 107 |
| Styrene | 10.60 | 11.92 | 112 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 11.26 | 106 |
| o-Xylene | 10.60 | 10.44 | 98 |
| 1,2,3-Trichloropropane | 11.00 | 12.19 | 111 |
| Isopropylbenzene (Cumene) | 10.40 | 11.59 | 111 |
| α-Pinene | 10.80 | 10.75 | 100 |
| 2-Chlorotoluene | 10.30 | 11.60 | 113 |
| n-Propylbenzene | 10.10 | 11.54 | 114 |
| 4-Ethyltoluene | 10.40 | 11.51 | 111 |
| 1,3,5-Trimethylbenzene | 10.30 | 10.82 | 105 |
| β-Pinene | 10.90 | 11.55 | 106 |
| 1,2,4-Trimethylbenzene | 10.30 | 11.44 | 111 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 10.79 | 105 |
| 1,3-Dichlorobenzene | 10.30 | 11.93 | 116 |
| 1,4-Dichlorobenzene | 10.20 | 11.94 | 117 |
| Sec-ButylBenzene | 10.00 | 10.43 | 104 |
| 1,2-Dichlorobenzene | 10.40 | 11.73 | 113 |
| n-ButylBenzene | 10.20 | 11.82 | 116 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 11.57 | 115 |
| 1,2,4-Trichlorobenzene | 10.50 | 12.71 | 121 |
| Naphthalene | 10.90 | 13.58 | 125 |
| Hexachlorobutadiene | 10.80 | 12.56 | 116 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/12/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-010825-01**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 10.08 | 9.84 | 107 | 105 | 2.4 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 11.16 | 11.26 | 106 | 107 | 0.9 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 10.85 | 10.84 | 104 | 104 | 0.1 |
| Benzene | 0.0 | 10.70 | 10.50 | 10.53 | 98 | 98 | 0.3 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 11.31 | 11.38 | 108 | 108 | 0.6 |
| Toluene | 0.0 | 10.80 | 10.85 | 11.06 | 100 | 102 | 1.9 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 11.66 | 11.50 | 111 | 110 | 1.4 |
| Chlorobenzene | 0.0 | 10.80 | 11.99 | 11.81 | 111 | 109 | 1.5 |
| Ethylbenzene | 0.0 | 10.60 | 10.60 | 10.56 | 100 | 100 | 0.4 |
| m & p-Xylene | 0.0 | 21.20 | 20.18 | 20.07 | 95 | 95 | 0.5 |
| o-Xylene | 0.0 | 10.60 | 10.44 | 10.56 | 98 | 100 | 1.1 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/12/2025** | **INSTRUMENT ID : GC/MS-04**
**MATRIX : High Purity He or $N_2$** | **ANALYST : DL**
**UNITS : PPB (v/v)**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 021225* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 101% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 021225* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/12/2025**
**MATRIX : Air**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**ANALYST : DL**
**DILUTION FACTOR[1] : x1.59**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250331-71294

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.41 | 9.50 | 1.0 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde J | 1.40 | 1.66 | 16.7 |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | <SRL | <SRL | NA |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone J | 2.01 | 1.82 | 10.0 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | <SRL | <SRL | NA |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250331

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** / **(Signature)** | **No. Of Containers** |
| D Hernandez | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/10-11/25 | 0630 - 0630 | 71294 | 6L Summa Canister | X | X | | | -6 H6 | 001978 / 03305 |
| MS-12 | 2/10-11/25 | 0640 - 0640 | 71295 | 6L Summa Canister | X | X | | | 0 H6 | 002000 / 05443 |
| MS-08 | 2/10-11/25 | 0650 - 0650 | 71296 | 6L Summa Canister | X | X | | | -5 H6 | 001965 / 03534 |
| MS-09 | 2/10-11/25 | 0700 - 0800 | 71297 | 6L Summa Canister | X | X | | | -6 H6 | 001938 / 04976 |
| MS-10 | 2/10-11/25 | 0715 - 0715 | 71298 | 6L Summa Canister | X | X | | | -9 H6 | 002159 / 05096 |
| MS-06 | 2/10-11/25 | 0730 - 0730 | 71299 | 6L Summa Canister | X | X | | | -12 H6 | 002022 / 03304 |
| MS-11 | 2/10-11/25 | 0755 - 0755 | 71300 | 6L Summa Canister | X | X | | | -12 H6 | 001945 / 19597 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 2/11/25 | 0837 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 2/11/25 | 0837 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7x ow + 7x coated Enviros

# CHAIN OF CUSTODY RECORD 25033

| | |
|---|---|
| **Client/Project Name** SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | **Project Location** Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| **Sampler: (Print)** D Hernandez | **(Signature)** |
| **No. Of Containers** 7 | |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/10-11/25 | 0630-0630 | 71301 | 10 Liter Bag | x | | | | | |
| MS-12 | 2/10-11/25 | 0640-0640 | 71302 | 10 Liter Bag | x | | | | | |
| MS-08 | 2/10-11/25 | 0650-0650 | 71303 | 10 Liter Bag | x | | | | | |
| MS-09 | 2/10-11/25 | 0700-0700 | 71304 | 10 Liter Bag | x | | | | | |
| MS-10 | 2/10-11/25 | 0715-0715 | 71305 | 10 Liter Bag | x | | | | | |
| MS-06 | 2/10-11/25 | 0730-0730 | 71306 | 10 Liter Bag | x | | | | | |
| MS-11 | 2/10-11/25 | 0755-0755 | 71307 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | **Date** 2/11/25 | **Time** 0837 | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** 2/11/25 | **Time** 0837 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250331
REPORT DATE : 02/14/2025

On February 11th 2025, Atmospheric Analysis & Consulting, Inc. received six (6) Six-Liter Silonite Canisters, and seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-07 | 250331-71294 | 639.5 | MS-07 | 250331-71301 |
| MS-12 | 250331-71295 | 722.0 | MS-12 | 250331-71302 |
| MS-08 | 250331-71296 | 610.0 | MS-08 | 250331-71303 |
| MS-09 | 250331-71297 | 625.5 | MS-09 | 250331-71304 |
| MS-10 | 250331-71298 | 524.0 | MS-10 | 250331-71305 |
| MS-11 | 250331-71300 | 432.0 | MS-06 | 250331-71306 |
| - | - | - | MS-11 | 250331-71307 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 9 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250331**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/10-11/2025**
**RECEIVING DATE : 02/11/2025**
**ANALYSIS DATE : 02/13/2025**
**REPORT DATE : 02/14/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250331-71294 | 250331-71295 | 250331-71296 | 250331-71297 | 250331-71298 | 250331-71300 |
| Canister Dil. Fac. | 1.59 | 1.41 | 1.66 | 1.63 | 1.98 | 2.37 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| COS / SO2 | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Methyl Mercaptan | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Ethyl Mercaptan | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Dimethyl Sulfide | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Carbon Disulfide | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Isopropyl Mercaptan | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| tert-Butyl Mercaptan | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| n-Propyl Mercaptan | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Methylethylsulfide | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| sec-Butyl Mercaptan / Thiophene | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| iso-Butyl Mercaptan | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Diethyl Sulfide | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| n-Butyl Mercaptan | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Dimethyl Disulfide | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| 2-Methylthiophene | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| 3-Methylthiophene | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Tetrahydrothiophene | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Bromothiophene | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Thiophenol | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Diethyl Disulfide | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Total Unidentified Sulfur | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |
| Total Reduced Sulfurs | < 0.008 | < 0.007 | < 0.008 | < 0.008 | < 0.010 | < 0.012 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250331**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/10-11/2025**
**RECEIVING DATE : 02/11/2025**
**ANALYSIS DATE : 02/11/2025**
**REPORT DATE : 02/14/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250331-71301 | 250331-71302 | 250331-71303 | 250331-71304 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250331**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/10-11/2025**
**RECEIVING DATE : 02/11/2025**
**ANALYSIS DATE : 02/11/2025**
**REPORT DATE : 02/14/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250331-71305 | 250331-71306 | 250331-71307 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit . x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/11/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7793 | 0.495 | 100.2 | 2.6 |
| Duplicate | 8150 | 0.518 | 104.8 | 1.8 |
| Triplicate | 8069 | 0.512 | 103.7 | 0.8 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7255 | 0.497 | 97.9 | 3.4 |
| Duplicate | 7661 | 0.525 | 103.4 | 2.0 |
| Triplicate | 7622 | 0.522 | 102.9 | 1.5 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7926 | 0.482 | 100.3 | 2.4 |
| Duplicate | 8249 | 0.502 | 104.4 | 1.6 |
| Triplicate | 8179 | 0.497 | 103.5 | 0.8 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250328-71275**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250328-71275 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.247 | 0.250 | 100.0 | 101.2 | 1.2 |
| MeSH | <PQL | 0.254 | 0.252 | 0.258 | 99.3 | 101.7 | 2.4 |
| DMS | <PQL | 0.240 | 0.253 | 0.258 | 105.3 | 107.4 | 2.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.455 | 92.1 |
| MeSH | 0.508 | 0.466 | 91.8 |
| DMS | 0.481 | 0.449 | 93.4 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/11/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 23017 | 517 | 104.7 | 1.4 |
| Duplicate | 22216 | 499 | 101.1 | 2.1 |
| Triplicate | 22836 | 513 | 103.9 | 0.6 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19528 | 508 | 100.2 | 0.0 |
| Duplicate | 19867 | 517 | 101.9 | 1.8 |
| Triplicate | 19179 | 499 | 98.4 | 1.8 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22564 | 500 | 104.0 | 0.1 |
| Duplicate | 22530 | 499 | 103.9 | 0.0 |
| Triplicate | 22503 | 498 | 103.7 | 0.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250328-71290**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250328-71290 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 255.2 | 231.9 | 103.3 | 93.9 | 9.6 |
| MeSH | <PQL | 253.8 | 265.5 | 251.3 | 104.6 | 99.0 | 5.5 |
| DMS | <PQL | 240.3 | 262.6 | 245.0 | 109.3 | 102.0 | 7.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 449.0 | 90.9 |
| MeSH | 507.5 | 467.9 | 92.2 |
| DMS | 480.5 | 466.6 | 97.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/13/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 20976 | 471 | 95.4 | 0.3 |
| Duplicate | 21081 | 474 | 95.9 | 0.2 |
| Triplicate | 21073 | 474 | 95.9 | 0.1 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 18727 | 487 | 96.0 | 2.1 |
| Duplicate | 19411 | 505 | 99.6 | 1.5 |
| Triplicate | 19238 | 501 | 98.7 | 0.6 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 20899 | 463 | 96.3 | 3.3 |
| Duplicate | 22273 | 493 | 102.7 | 3.0 |
| Triplicate | 21673 | 480 | 99.9 | 0.3 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66848**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate.** **Sample ID 242742-66848 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 261.7 | 252.2 | 106.0 | 102.1 | 3.7 |
| MeSH | <PQL | 253.8 | 270.8 | 273.2 | 106.7 | 107.7 | 0.9 |
| DMS | <PQL | 240.3 | 262.3 | 262.9 | 109.2 | 109.4 | 0.2 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 510.4 | 103.3 |
| MeSH | 507.5 | 512.4 | 101.0 |
| DMS | 480.5 | 508.2 | 105.8 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250331

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** / **No. Of Containers** |
| D Hernandez | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/10-11/25 | 0630 - 0630 | 71294 | 6L Summa Canister | X | X | | | -6 H6 | 001978 / 03305 |
| MS-12 | 2/10-11/25 | 0640 - 0640 | 71295 | 6L Summa Canister | X | X | | | 0 H6 | 002000 / 05443 |
| MS-08 | 2/10-11/25 | 0650 - 0650 | 71296 | 6L Summa Canister | X | X | | | -5 H6 | 001965 / 03534 |
| MS-09 | 2/10-11/25 | 0700 - 0700 | 71297 | 6L Summa Canister | X | X | | | -6 H6 | 001938 / 04976 |
| MS-10 | 2/10-11/25 | 0715 - 0715 | 71298 | 6L Summa Canister | X | X | | | -9 H6 | 002159 / 05096 |
| MS-06 | 2/10-11/25 | 0730 - 0730 | ~~71299~~ VOID | 6L Summa Canister | X | X | | | -12 H6 | 002022 / 03304 |
| MS-11 | 2/10-11/25 | 0755 - 0755 | 71300 | 6L Summa Canister | X | X | | | -12 H6 | 001945 / 19597 |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 2/11/25 | 0837 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 2/11/25 | 0837 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | **Date** | **Time** |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 256331

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/10-11/25 | 0630-0630 | 71301 | 10 Liter Bag | x | | | | | |
| MS-12 | 2/10-11/25 | 0640-0640 | 71302 | 10 Liter Bag | x | | | | | |
| MS-08 | 2/10-11/25 | 0650-0650 | 71303 | 10 Liter Bag | x | | | | | |
| MS-09 | 2/10-11/25 | 0700-0700 | 71304 | 10 Liter Bag | x | | | | | |
| MS-10 | 2/10-11/25 | 0715-0715 | 71305 | 10 Liter Bag | x | | | | | |
| MS-06 | 2/10-11/25 | 0730-0730 | 71306 | 10 Liter Bag | x | | | | | |
| MS-11 | 2/10-11/25 | 0755-0755 | 71307 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 2/11/25 | 0837 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 2/11/25 | 0837 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250426
REPORT DATE : 03/04/2025

On February 19, 2025, Atmospheric Analysis & Consulting, Inc. received five (5) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-07 | 250426-71600 | 506.8 |
| MS-12 | 250426-71601 | 504.9 |
| MS-08 | 250426-71602 | 445.3 |
| MS-09 | 250426-71603 | 432.1 |
| MS-06 | 250426-71604 | 379.2 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. For samples 71600-71603 the daily QC for compounds Chloromethane, Methanol, and Ethanol were high. Results for these compounds should be considered estimated. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 18 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250426
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/19/2025
DATE REPORTED : 03/04/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250426-71600 | | | | 250426-71601 | | | | |
| *Date Sampled* | 02/18/2025 | | | | 02/18/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 2.05 | | | | 2.01 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.02 | <SRL | U | 1 | 1.01 | 0.50 |
| Propene | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.01 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.07 | <SRL | U | 1 | 1.05 | 0.52 |
| Dimethyl Ether | <SRL | U | 1 | 1.07 | <SRL | U | 1 | 1.05 | 0.52 |
| Chloromethane | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.06 | <SRL | U | 1 | 1.04 | 0.52 |
| Vinyl Chloride | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Acetaldehyde | <SRL | U | 1 | 10.2 | <SRL | U | 1 | 10.1 | 5.00 |
| Methanol | <SRL | U | 1 | 10.2 | <SRL | U | 1 | 10.1 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Bromomethane | <SRL | U | 1 | 1.07 | <SRL | U | 1 | 1.05 | 0.52 |
| Chloroethane | <SRL | U | 1 | 1.07 | <SRL | U | 1 | 1.05 | 0.52 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.04 | <SRL | U | 1 | 1.02 | 0.51 |
| Ethanol | 6.03 | | 1 | 4.10 | 7.30 | | 1 | 4.02 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.07 | <SRL | U | 1 | 1.05 | 0.52 |
| Acrolein | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.01 | 1.00 |
| Acetone | 8.49 | | 1 | 4.10 | 7.85 | | 1 | 4.02 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.10 | <SRL | U | 1 | 4.02 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.13 | <SRL | U | 1 | 1.11 | 0.55 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.01 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 1.15 | <SRL | U | 1 | 1.13 | 0.56 |
| Allyl Chloride | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.01 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.10 | <SRL | U | 1 | 4.02 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.07 | <SRL | U | 1 | 1.05 | 0.52 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.11 | <SRL | U | 1 | 1.09 | 0.54 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Vinyl Acetate | <SRL | U | 1 | 1.13 | <SRL | U | 1 | 1.11 | 0.55 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.01 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Hexane | 3.14 | | 1 | 1.12 | 1.61 | | 1 | 1.10 | 0.55 |
| Chloroform | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Ethyl Acetate | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Tetrahydrofuran | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| Benzene | 1.87 | | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250426
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/19/2025
DATE REPORTED : 03/04/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250426-71600 | | | | 250426-71601 | | | | |
| *Date Sampled* | 02/18/2025 | | | | 02/18/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 2.05 | | | | 2.01 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.06 | <SRL | U | 1 | 1.04 | 0.52 |
| Cyclohexane | 1.62 | | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Bromodichloromethane | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| 1,4-Dioxane | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.01 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| Methyl Methacrylate | <SRL | U | 1 | 1.13 | <SRL | U | 1 | 1.11 | 0.55 |
| Heptane | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.01 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Toluene | 1.93 | | 1 | 1.11 | <SRL | U | 1 | 1.09 | 0.54 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 4.10 | <SRL | U | 1 | 4.02 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| Chlorobenzene | <SRL | U | 1 | 1.11 | <SRL | U | 1 | 1.09 | 0.54 |
| Ethylbenzene | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| m & p-Xylene | <SRL | U | 1 | 2.17 | <SRL | U | 1 | 2.13 | 1.06 |
| Bromoform | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| Styrene | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| o-Xylene | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| α-Pinene | <SRL | U | 1 | 1.04 | <SRL | U | 1 | 1.02 | 0.51 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.09 | <SRL | U | 1 | 1.07 | 0.53 |
| n-Propylbenzene | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.07 | <SRL | U | 1 | 1.05 | 0.52 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.07 | <SRL | U | 1 | 1.05 | 0.52 |
| β-Pinene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 1.10 | 0.55 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.10 | <SRL | U | 1 | 1.08 | 0.54 |
| n-ButylBenzene | <SRL | U | 1 | 1.08 | <SRL | U | 1 | 1.06 | 0.53 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.06 | <SRL | U | 1 | 1.04 | 0.52 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.11 | <SRL | U | 1 | 1.09 | 0.54 |
| Naphthalene | <SRL | U | 1 | 1.11 | <SRL | U | 1 | 1.09 | 0.54 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.13 | <SRL | U | 1 | 1.11 | 0.55 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 94% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250426
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/19/2025
DATE REPORTED : 03/04/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250426-71602 | | | | 250426-71603 | | | | |
| *Date Sampled* | 02/18/2025 | | | | 02/18/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 2.30 | | | | 2.37 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.15 | <SRL | U | 1 | 1.19 | 0.50 |
| Propene | <SRL | U | 1 | 2.30 | <SRL | U | 1 | 2.37 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.23 | 0.52 |
| Dimethyl Ether | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.23 | 0.52 |
| Chloromethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 1.22 | 0.52 |
| Vinyl Chloride | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Acetaldehyde | <SRL | U | 1 | 11.5 | <SRL | U | 1 | 11.9 | 5.00 |
| Methanol | <SRL | U | 1 | 11.5 | <SRL | U | 1 | 11.9 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Bromomethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.23 | 0.52 |
| Chloroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.23 | 0.52 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.16 | <SRL | U | 1 | 1.20 | 0.51 |
| Ethanol | 6.31 | | 1 | 4.61 | 8.76 | | 1 | 4.75 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.23 | 0.52 |
| Acrolein | <SRL | U | 1 | 2.30 | <SRL | U | 1 | 2.37 | 1.00 |
| Acetone | 8.82 | | 1 | 4.61 | 20.1 | | 1 | 4.75 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.61 | <SRL | U | 1 | 4.75 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.27 | <SRL | U | 1 | 1.31 | 0.55 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.30 | <SRL | U | 1 | 2.37 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 1.29 | <SRL | U | 1 | 1.33 | 0.56 |
| Allyl Chloride | <SRL | U | 1 | 2.30 | <SRL | U | 1 | 2.37 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.61 | <SRL | U | 1 | 4.75 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.23 | 0.52 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.24 | <SRL | U | 1 | 1.28 | 0.54 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Vinyl Acetate | <SRL | U | 1 | 1.27 | <SRL | U | 1 | 1.31 | 0.55 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.30 | <SRL | U | 1 | 2.37 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Hexane | 1.20 | | 1 | 1.26 | <SRL | U | 1 | 1.29 | 0.55 |
| Chloroform | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Ethyl Acetate | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Tetrahydrofuran | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| Benzene | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250426
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/19/2025
DATE REPORTED : 03/04/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250426-71602 | | | | 250426-71603 | | | | |
| *Date Sampled* | 02/18/2025 | | | | 02/18/2025 | | | | |
| *Date Analyzed* | 02/26/2025 | | | | 02/26/2025 | | | | |
| *Can Dilution Factor* | 2.30 | | | | 2.37 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 1.22 | 0.52 |
| Cyclohexane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Bromodichloromethane | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| 1,4-Dioxane | <SRL | U | 1 | 2.30 | <SRL | U | 1 | 2.37 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| Methyl Methacrylate | <SRL | U | 1 | 1.27 | <SRL | U | 1 | 1.31 | 0.55 |
| Heptane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.30 | <SRL | U | 1 | 2.37 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Toluene | <SRL | U | 1 | 1.24 | <SRL | U | 1 | 1.28 | 0.54 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 4.61 | <SRL | U | 1 | 4.75 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| Chlorobenzene | <SRL | U | 1 | 1.24 | <SRL | U | 1 | 1.28 | 0.54 |
| Ethylbenzene | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| m & p-Xylene | <SRL | U | 1 | 2.44 | <SRL | U | 1 | 2.52 | 1.06 |
| Bromoform | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| Styrene | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| o-Xylene | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| α-Pinene | <SRL | U | 1 | 1.16 | <SRL | U | 1 | 1.20 | 0.51 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.22 | <SRL | U | 1 | 1.26 | 0.53 |
| n-Propylbenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.23 | 0.52 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.23 | 0.52 |
| β-Pinene | <SRL | U | 1 | 1.26 | <SRL | U | 1 | 1.29 | 0.55 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.23 | <SRL | U | 1 | 1.27 | 0.54 |
| n-ButylBenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 1.25 | 0.53 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 1.22 | 0.52 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.24 | <SRL | U | 1 | 1.28 | 0.54 |
| Naphthalene | <SRL | U | 1 | 1.24 | <SRL | U | 1 | 1.28 | 0.54 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.27 | <SRL | U | 1 | 1.31 | 0.55 |
| BFB-Surrogate Std. % Recovery | | 99% | | | | 94% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250426
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/19/2025
DATE REPORTED : 03/04/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250426-71604 | | | | |
| *Date Sampled* | 02/18/2025 | | | | |
| *Date Analyzed* | 03/03/2025 | | | | |
| *Can Dilution Factor* | 2.68 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.34 | 0.50 |
| Propene | <SRL | U | 1 | 2.68 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.39 | 0.52 |
| Dimethyl Ether | <SRL | U | 1 | 1.39 | 0.52 |
| Chloromethane | <SRL | U | 1 | 1.41 | 0.53 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.38 | 0.52 |
| Vinyl Chloride | <SRL | U | 1 | 1.43 | 0.54 |
| Acetaldehyde | <SRL | U | 1 | 13.4 | 5.00 |
| Methanol | <SRL | U | 1 | 13.4 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.43 | 0.54 |
| Bromomethane | <SRL | U | 1 | 1.39 | 0.52 |
| Chloroethane | <SRL | U | 1 | 1.39 | 0.52 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.35 | 0.51 |
| Ethanol | 8.68 | | 1 | 5.36 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.39 | 0.52 |
| Acrolein | <SRL | U | 1 | 2.68 | 1.00 |
| Acetone | 17.0 | | 1 | 5.36 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.41 | 0.53 |
| 2-Propanol (IPA) | <SRL | U | 1 | 5.36 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.47 | 0.55 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.41 | 0.53 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.68 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 1.50 | 0.56 |
| Allyl Chloride | <SRL | U | 1 | 2.68 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 5.36 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.39 | 0.52 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.45 | 0.54 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.43 | 0.54 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.43 | 0.54 |
| Vinyl Acetate | <SRL | U | 1 | 1.47 | 0.55 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.68 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.43 | 0.54 |
| Hexane | <SRL | U | 1 | 1.46 | 0.55 |
| Chloroform | <SRL | U | 1 | 1.43 | 0.54 |
| Ethyl Acetate | <SRL | U | 1 | 1.43 | 0.54 |
| Tetrahydrofuran | <SRL | U | 1 | 1.41 | 0.53 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.42 | 0.53 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.41 | 0.53 |
| Benzene | <SRL | U | 1 | 1.43 | 0.54 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250426
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/19/2025
DATE REPORTED : 03/04/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250426-71604 | | | | |
| *Date Sampled* | 02/18/2025 | | | | |
| *Date Analyzed* | 03/03/2025 | | | | |
| *Can Dilution Factor* | 2.68 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.38 | 0.52 |
| Cyclohexane | <SRL | U | 1 | 1.41 | 0.53 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.43 | 0.54 |
| Bromodichloromethane | <SRL | U | 1 | 1.42 | 0.53 |
| 1,4-Dioxane | <SRL | U | 1 | 2.68 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.42 | 0.53 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.41 | 0.53 |
| Methyl Methacrylate | <SRL | U | 1 | 1.47 | 0.55 |
| Heptane | <SRL | U | 1 | 1.41 | 0.53 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.42 | 0.53 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.68 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.43 | 0.54 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.43 | 0.54 |
| Toluene | <SRL | U | 1 | 1.45 | 0.54 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 5.36 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.43 | 0.54 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.43 | 0.54 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.42 | 0.53 |
| Chlorobenzene | <SRL | U | 1 | 1.45 | 0.54 |
| Ethylbenzene | <SRL | U | 1 | 1.42 | 0.53 |
| m & p-Xylene | <SRL | U | 1 | 2.84 | 1.06 |
| Bromoform | <SRL | U | 1 | 1.42 | 0.53 |
| Styrene | <SRL | U | 1 | 1.42 | 0.53 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.42 | 0.53 |
| o-Xylene | <SRL | U | 1 | 1.42 | 0.53 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.41 | 0.53 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.41 | 0.53 |
| α-Pinene | <SRL | U | 1 | 1.35 | 0.51 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.42 | 0.53 |
| n-Propylbenzene | <SRL | U | 1 | 1.41 | 0.53 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.39 | 0.52 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.39 | 0.52 |
| β-Pinene | <SRL | U | 1 | 1.46 | 0.55 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.41 | 0.53 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.41 | 0.53 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.41 | 0.53 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.41 | 0.53 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.43 | 0.54 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.43 | 0.54 |
| n-ButylBenzene | <SRL | U | 1 | 1.41 | 0.53 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.38 | 0.52 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.45 | 0.54 |
| Naphthalene | <SRL | U | 1 | 1.45 | 0.54 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.47 | 0.55 |
| BFB-Surrogate Std. % Recovery | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*LIMONENE ANALYSIS VIA TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250426**
**MATRIX : AIR**

**DATE RECEIVED : 02/19/2025**
**DATE REPORTED : 03/04/2025**
**ANALYST : RB**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF's) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 250426-71600 | 02/18/2025 | 02/26/2025 | <SRL | 2.05 | 1.0 | 1.02 | 0.5 | 0% |
| MS-12 | 250426-71601 | 02/18/2025 | 02/26/2025 | <SRL | 2.01 | 1.0 | 1.01 | 0.5 | 0% |
| MS-08 | 250426-71602 | 02/18/2025 | 02/26/2025 | <SRL | 2.30 | 1.0 | 1.15 | 0.5 | 0% |
| MS-09 | 250426-71603 | 02/18/2025 | 02/26/2025 | <SRL | 2.37 | 1.0 | 1.19 | 0.5 | 0% |
| MS-06 | 250426-71604 | 02/18/2025 | 03/03/2025 | <SRL | 2.68 | 1.0 | 1.34 | 0.5 | 0% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/26/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022125-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/07/2025 Calibration

| *Analyte Compounds* | | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|---|
| 4-BFB (surrogate standard) | | 9.40 | 9.19 | 98 |
| Chlorodifluoromethane | | 10.20 | 12.31 | 121 |
| Propene | | 10.70 | 12.94 | 121 |
| Dichlorodifluoromethane | | 10.40 | 11.47 | 110 |
| Dimethyl Ether | | 10.10 | 12.44 | 123 |
| Chloromethane | HR | 10.50 | 14.27 | 136 |
| Dichlorotetrafluoroethane | | 10.20 | 10.32 | 101 |
| Vinyl Chloride | | 10.60 | 12.54 | 118 |
| Acetaldehyde | | 20.90 | 24.84 | 119 |
| Methanol | HR | 20.40 | 29.41 | 144 |
| 1,3-Butadiene | | 10.70 | 12.74 | 119 |
| Bromomethane | | 10.40 | 11.07 | 106 |
| Chloroethane | | 10.40 | 13.38 | 129 |
| Dichlorofluoromethane | | 10.10 | 11.48 | 114 |
| Ethanol | HR | 11.40 | 15.51 | 136 |
| Vinyl Bromide | | 10.10 | 10.92 | 108 |
| Acrolein | | 10.90 | 13.02 | 119 |
| Acetone | | 10.60 | 12.94 | 122 |
| Trichlorofluoromethane | | 10.50 | 11.04 | 105 |
| 2-Propanol (IPA) | | 11.00 | 13.92 | 127 |
| Acrylonitrile | | 11.10 | 13.33 | 120 |
| 1,1-Dichloroethene | | 10.50 | 11.23 | 107 |
| Methylene Chloride (DCM) | | 10.40 | 11.29 | 109 |
| TertButanol (TBA) | | 11.20 | 12.34 | 110 |
| Allyl Chloride | | 10.20 | 11.82 | 116 |
| Carbon Disulfide | | 10.50 | 11.77 | 112 |
| Trichlorotrifluoroethane | | 10.30 | 10.66 | 103 |
| trans-1,2-Dichloroethene | | 10.80 | 12.11 | 112 |
| 1,1-Dichloroethane | | 10.70 | 12.01 | 112 |
| Methyl Tert Butyl Ether (MTBE) | | 10.70 | 10.43 | 97 |
| Vinyl Acetate | | 11.00 | 13.23 | 120 |
| 2-Butanone (MEK) | | 10.70 | 12.27 | 115 |
| cis-1,2-Dichloroethene | | 10.70 | 11.33 | 106 |
| Hexane | | 10.80 | 12.02 | 111 |
| Chloroform | | 10.70 | 11.93 | 111 |
| Ethyl Acetate | | 10.70 | 13.30 | 124 |
| Tetrahydrofuran | | 10.40 | 12.73 | 122 |
| 1,2-Dichloroethane | | 10.60 | 11.93 | 113 |
| 1,1,1-Trichloroethane | | 10.50 | 11.31 | 108 |
| Benzene | | 10.70 | 11.61 | 109 |
| Carbon Tetrachloride | | 10.30 | 10.92 | 106 |
| Cyclohexane | | 10.50 | 12.64 | 120 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 11.62 | 109 |
| Bromodichloromethane | 10.50 | 11.34 | 108 |
| 1,4-Dioxane | 10.50 | 12.29 | 117 |
| Trichloroethene (TCE) | 10.50 | 10.51 | 100 |
| 2,2,4-Trimethylpentane | 10.10 | 12.24 | 121 |
| Methyl Methacrylate | 11.00 | 12.86 | 117 |
| Heptane | 10.50 | 12.15 | 116 |
| cis-1,3-Dichloropropene | 10.50 | 11.63 | 111 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 12.76 | 122 |
| trans-1,3-Dichloropropene | 10.60 | 11.64 | 110 |
| 1,1,2-Trichloroethane | 10.60 | 11.07 | 104 |
| Toluene | 10.80 | 12.09 | 112 |
| 2-Hexanone (MBK) | 10.50 | 13.65 | 130 |
| Dibromochloromethane | 10.60 | 11.15 | 105 |
| 1,2-Dibromoethane | 10.60 | 11.00 | 104 |
| Tetrachloroethene (PCE) | 10.50 | 10.41 | 99 |
| Chlorobenzene | 10.80 | 11.34 | 105 |
| Ethylbenzene | 10.60 | 12.07 | 114 |
| m & p-Xylene | 21.20 | 24.07 | 114 |
| Bromoform | 10.60 | 10.88 | 103 |
| Styrene | 10.60 | 12.19 | 115 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 11.30 | 107 |
| o-Xylene | 10.60 | 12.09 | 114 |
| 1,2,3-Trichloropropane | 11.00 | 11.54 | 105 |
| Isopropylbenzene (Cumene) | 10.40 | 12.05 | 116 |
| α-Pinene | 10.80 | 12.39 | 115 |
| 2-Chlorotoluene | 10.30 | 11.46 | 111 |
| n-Propylbenzene | 10.10 | 11.44 | 113 |
| 4-Ethyltoluene | 10.40 | 11.62 | 112 |
| 1,3,5-Trimethylbenzene | 10.30 | 11.43 | 111 |
| β-Pinene | 10.90 | 12.69 | 116 |
| 1,2,4-Trimethylbenzene | 10.30 | 11.60 | 113 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 11.61 | 113 |
| 1,3-Dichlorobenzene | 10.30 | 10.63 | 103 |
| 1,4-Dichlorobenzene | 10.20 | 10.68 | 105 |
| Sec-ButylBenzene | 10.00 | 11.33 | 113 |
| 1,2-Dichlorobenzene | 10.40 | 10.88 | 105 |
| n-ButylBenzene | 10.20 | 11.24 | 110 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 10.43 | 103 |
| 1,2,4-Trichlorobenzene | 10.50 | 11.02 | 105 |
| Naphthalene | 10.90 | 12.38 | 114 |
| Hexachlorobutadiene | 10.80 | 10.74 | 99 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

HR - Recovery for this compound was high; results should be considered biased high.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/26/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022125-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.19 | 9.25 | 98 | 98 | 0.7 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 11.23 | 10.94 | 107 | 104 | 2.6 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 11.29 | 11.75 | 109 | 113 | 4.0 |
| Benzene | 0.0 | 10.70 | 11.61 | 11.69 | 109 | 109 | 0.7 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.51 | 10.43 | 100 | 99 | 0.8 |
| Toluene | 0.0 | 10.80 | 12.09 | 11.62 | 112 | 108 | 4.0 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 10.41 | 10.46 | 99 | 100 | 0.5 |
| Chlorobenzene | 0.0 | 10.80 | 11.34 | 11.72 | 105 | 109 | 3.3 |
| Ethylbenzene | 0.0 | 10.60 | 12.07 | 12.53 | 114 | 118 | 3.7 |
| m & p-Xylene | 0.0 | 21.20 | 24.07 | 25.34 | 114 | 120 | 5.1 |
| o-Xylene | 0.0 | 10.60 | 12.09 | 12.31 | 114 | 116 | 1.8 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/26/2025** | **INSTRUMENT ID : GC/MS-03**
**MATRIX : High Purity He or $N_2$** | **ANALYST : RB**
**UNITS : PPB (v/v)**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 022625* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 85% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 0.5 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 022625* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 02/26/2025**
**MATRIX : Air**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**
**DILUTION FACTOR[1] : x1.43**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250416-71536

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 4-BFB (surrogate standard) | 8.28 | 8.83 | 6.4 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | 0.79 | 0.79 | 0.0 |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 4.85 | 4.29 | 12 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 19.4 | 19.6 | 0.7 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | <SRL | <SRL | NA |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/03/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022725-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 02/27/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 8.93 | 95 |
| Chlorodifluoromethane | 9.90 | 9.04 | 91 |
| Propene | 10.80 | 11.01 | 102 |
| Dichlorodifluoromethane | 10.40 | 9.31 | 90 |
| Dimethyl Ether | 10.40 | 9.65 | 93 |
| Chloromethane | 10.50 | 9.52 | 91 |
| Dichlorotetrafluoroethane | 10.30 | 9.52 | 92 |
| Vinyl Chloride | 10.70 | 9.52 | 89 |
| Acetaldehyde | 20.40 | 18.60 | 91 |
| Methanol | 23.00 | 17.98 | 78 |
| 1,3-Butadiene | 10.70 | 10.12 | 95 |
| Bromomethane | 10.40 | 9.54 | 92 |
| Chloroethane | 10.40 | 8.38 | 81 |
| Dichlorofluoromethane | 10.10 | 8.35 | 83 |
| Ethanol | 11.60 | 8.13 | 70 |
| Vinyl Bromide | 10.40 | 9.07 | 87 |
| Acrolein | 11.00 | 9.30 | 85 |
| Acetone | 10.60 | 8.43 | 80 |
| Trichlorofluoromethane | 10.50 | 9.87 | 94 |
| 2-Propanol (IPA) | 11.00 | 8.60 | 78 |
| Acrylonitrile | 11.00 | 9.38 | 85 |
| 1,1-Dichloroethene | 10.50 | 8.94 | 85 |
| Methylene Chloride (DCM) | 10.50 | 9.15 | 87 |
| TertButanol (TBA) | 11.20 | 10.07 | 90 |
| Allyl Chloride | 10.80 | 9.84 | 91 |
| Carbon Disulfide | 10.50 | 9.17 | 87 |
| Trichlorotrifluoroethane | 10.40 | 9.33 | 90 |
| trans-1,2-Dichloroethene | 10.80 | 9.15 | 85 |
| 1,1-Dichloroethane | 10.70 | 9.68 | 90 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 12.06 | 113 |
| Vinyl Acetate | 11.00 | 10.93 | 99 |
| 2-Butanone (MEK) | 10.80 | 9.70 | 90 |
| cis-1,2-Dichloroethene | 10.70 | 9.53 | 89 |
| Hexane | 10.90 | 11.10 | 102 |
| Chloroform | 10.70 | 9.80 | 92 |
| Ethyl Acetate | 10.70 | 10.53 | 98 |
| Tetrahydrofuran | 10.50 | 9.01 | 86 |
| 1,2-Dichloroethane | 10.60 | 9.46 | 89 |
| 1,1,1-Trichloroethane | 10.50 | 10.05 | 96 |
| Benzene | 10.70 | 10.06 | 94 |
| Carbon Tetrachloride | 10.30 | 9.49 | 92 |
| Cyclohexane | 10.50 | 10.42 | 99 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 9.92 | 93 |
| Bromodichloromethane | 10.60 | 9.70 | 92 |
| 1,4-Dioxane | 10.50 | 11.44 | 109 |
| Trichloroethene (TCE) | 10.60 | 9.25 | 87 |
| 2,2,4-Trimethylpentane | 10.50 | 9.94 | 95 |
| Methyl Methacrylate | 11.00 | 11.87 | 108 |
| Heptane | 10.50 | 10.78 | 103 |
| cis-1,3-Dichloropropene | 10.60 | 9.90 | 93 |
| 4-Methyl-2-pentanone (MiBK) | 10.60 | 11.33 | 107 |
| trans-1,3-Dichloropropene | 10.70 | 10.25 | 96 |
| 1,1,2-Trichloroethane | 10.70 | 9.97 | 93 |
| Toluene | 10.80 | 10.96 | 101 |
| 2-Hexanone (MBK) | 10.60 | 10.25 | 97 |
| Dibromochloromethane | 10.70 | 9.61 | 90 |
| 1,2-Dibromoethane | 10.70 | 9.93 | 93 |
| Tetrachloroethene (PCE) | 10.60 | 9.50 | 90 |
| Chlorobenzene | 10.80 | 9.97 | 92 |
| Ethylbenzene | 10.60 | 11.13 | 105 |
| m & p-Xylene | 21.20 | 22.23 | 105 |
| Bromoform | 10.60 | 9.54 | 90 |
| Styrene | 10.60 | 11.24 | 106 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.83 | 93 |
| o-Xylene | 10.60 | 11.53 | 109 |
| 1,2,3-Trichloropropane | 10.50 | 9.81 | 93 |
| Isopropylbenzene (Cumene) | 10.50 | 10.87 | 104 |
| α-Pinene | 10.10 | 10.54 | 104 |
| 2-Chlorotoluene | 10.60 | 10.65 | 100 |
| n-Propylbenzene | 10.50 | 11.14 | 106 |
| 4-Ethyltoluene | 10.40 | 10.86 | 104 |
| 1,3,5-Trimethylbenzene | 10.40 | 10.43 | 100 |
| β-Pinene | 10.90 | 10.34 | 95 |
| 1,2,4-Trimethylbenzene | 10.50 | 10.25 | 98 |
| Benzyl Chloride (a-Chlorotoluene) | 10.50 | 10.03 | 96 |
| 1,3-Dichlorobenzene | 10.50 | 9.91 | 94 |
| 1,4-Dichlorobenzene | 10.50 | 10.14 | 97 |
| Sec-ButylBenzene | 10.70 | 10.87 | 102 |
| 1,2-Dichlorobenzene | 10.70 | 10.31 | 96 |
| n-ButylBenzene | 10.50 | 9.57 | 91 |
| 1,2-Dibromo-3-Chloropropane | 10.30 | 9.47 | 92 |
| 1,2,4-Trichlorobenzene | 10.80 | 9.87 | 91 |
| Naphthalene | 10.80 | 10.13 | 94 |
| Hexachlorobutadiene | 11.00 | 10.16 | 92 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/03/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022125-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 8.93 | 9.33 | 95 | 99 | 4.4 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 8.94 | 9.49 | 85 | 90 | 6.0 |
| Methylene Chloride (DCM) | 0.0 | 10.50 | 9.15 | 9.40 | 87 | 90 | 2.7 |
| Benzene | 0.0 | 10.70 | 10.06 | 11.12 | 94 | 104 | 10.0 |
| Trichloroethene (TCE) | 0.0 | 10.60 | 9.25 | 9.52 | 87 | 90 | 2.9 |
| Toluene | 0.0 | 10.80 | 10.96 | 11.48 | 101 | 106 | 4.6 |
| Tetrachloroethene (PCE) | 0.0 | 10.60 | 9.50 | 10.05 | 90 | 95 | 5.6 |
| Chlorobenzene | 0.0 | 10.80 | 9.97 | 10.08 | 92 | 93 | 1.1 |
| Ethylbenzene | 0.0 | 10.60 | 11.13 | 11.03 | 105 | 104 | 0.9 |
| m & p-Xylene | 0.0 | 21.20 | 22.23 | 22.04 | 105 | 104 | 0.9 |
| o-Xylene | 0.0 | 10.60 | 11.53 | 11.20 | 109 | 106 | 2.9 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/03/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 030325* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 93% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 0.5 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 030325* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/03/2025**
**MATRIX : Air**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**
**DILUTION FACTOR[1] : x2.68**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250426-71604

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 4-BFB (surrogate standard) | 8.92 | 8.47 | 5.2 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | 6.86 | 5.52 | 22 |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 8.68 | 9.41 | 8.0 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 17.0 | 17.5 | 2.6 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | <SRL | <SRL | NA |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

# CHAIN OF CUSTODY RECORD 250426

| Client/Project Name SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Project Location Valencia, CA | ANALYSES |
|---|---|---|
| Project No. | Field Logbook No. | |
| Sampler: (Print) D Hernandez (Signature) | No. Of Containers 7 | |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307, 91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/18-19/25 | 0630 - 0630 | 71600 | 6L Summa Canister | X | X | | | -12 HG | 002125 / 02323 |
| MS-12 | 2/18-19/25 | 0640 - 0640 | 71601 | 6L Summa Canister | X | X | | | -11 HG | 001859 / 000885 |
| MS-08 | 2/18-19/25 | 0650 - 0650 | 71602 | 6L Summa Canister | X | X | | | -19 HG | 001822 / 000884 |
| MS-09 | 2/18-19/25 | 0700 - 0700 | 71603 | 6L Summa Canister | X | X | | | -14 HG | 001986 / 03608 |
| ~~MS-10~~ | ~~2/18-19/25~~ | ~~0715 - 0715~~ | Do Not Analyze | ~~6L Summa Canister~~ | ~~X~~ | ~~X~~ | | | ~~-30 HG~~ | ~~002076 / 03291~~ |
| MS-06 | 2/18-19/25 | 0730 - 0730 | 71604 | 6L Summa Canister | X | X | | | -13 HG | 002074 / 05097 |
| ~~MS-11~~ | ~~2/18-19/25~~ | ~~0750 - 0750~~ | Do Not Analyze Controller Malfunction | ~~6L Summa Canister~~ | ~~X~~ | ~~X~~ | | | ~~-30 HG~~ | ~~001860 / 19505~~ |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 2/19/25 | 0833 | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| | | | | | |
| Relinquished by: (Signature) | Date | Time | Received for Laboratory: (Signature) | Date | Time |
| | | | | 2/19/25 | 0833 |
| Sample Disposal Method: | Disposed of by: (Signature) | | | Date | Time |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7x cans (2x void) + 2x canister

# CHAIN OF CUSTODY RECORD 250426

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |

**ANALYSES**

| Sampler: (Print) | (Signature) | No. Of Containers |
|---|---|---|
| D Hernandez | | 7 |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/18-19/25 | 0630 - 0630 | 71605 | 10 Liter Bag | x | | | | | |
| MS-12 | 2/18-19/25 | 0640 - 0640 | 71606 | 10 Liter Bag | x | | | | | |
| MS-08 | 2/18-19/25 | 0650 - 0650 | 71607 | 10 Liter Bag | x | | | | | |
| MS-09 | 2/18-19/25 | 0700 - 0700 | 71608 | 10 Liter Bag | x | | | | | |
| MS-10 | 2/18-19/25 | 0715 - 0715 | 71609 | 10 Liter Bag | x | | | | | |
| MS-06 | 2/18-19/25 | 0730 - 0730 | 71610 | 10 Liter Bag | x | | | | | |
| MS-11 | 2/18-19/25 | 0750 - 0750 | 71611 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 2/19/25 | 0833 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 2/19/25 | 0833 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill
AAC PROJECT NO. : 250426
REPORT DATE : 02/21/2025

On February 19th 2025, Atmospheric Analysis & Consulting, Inc. received five (5) Six-Liter Silonite Canisters and seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-07 | 250426-71600 | 506.8 | MS-07 | 250426-71605 |
| MS-12 | 250426-71601 | 504.9 | MS-12 | 250426-71606 |
| MS-08 | 250426-71602 | 445.3 | MS-08 | 250426-71607 |
| MS-09 | 250426-71603 | 432.1 | MS-09 | 250426-71608 |
| MS-06 | 250426-71604 | 379.2 | MS-10 | 250426-71609 |
| - | - | | MS-06 | 250426-71610 |
| - | - | | MS-11 | 250426-71611 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250426**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/18-19/2025**
**RECEIVING DATE : 02/19/2025**
**ANALYSIS DATE : 02/20/2025**
**REPORT DATE : 02/21/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 | MS-06 |
|---|---|---|---|---|---|
| AAC ID | 250426-71600 | 250426-71601 | 250426-71602 | 250426-71603 | 250426-71604 |
| Canister Dil. Fac. | 2.0 | 2.0 | 2.3 | 2.4 | 2.7 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| COS / SO2 | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Methyl Mercaptan | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Ethyl Mercaptan | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Dimethyl Sulfide | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Carbon Disulfide | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Isopropyl Mercaptan | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| tert-Butyl Mercaptan | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| n-Propyl Mercaptan | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Methylethylsulfide | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| sec-Butyl Mercaptan / Thiophene | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| iso-Butyl Mercaptan | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Diethyl Sulfide | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| n-Butyl Mercaptan | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Dimethyl Disulfide | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| 2-Methylthiophene | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| 3-Methylthiophene | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Tetrahydrothiophene | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Bromothiophene | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Thiophenol | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Diethyl Disulfide | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Total Unidentified Sulfur | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |
| Total Reduced Sulfurs | < 0.010 | < 0.010 | < 0.012 | < 0.012 | < 0.013 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250426**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/18-19/2025**
**RECEIVING DATE : 02/19/2025**
**ANALYSIS DATE : 02/19/2025**
**REPORT DATE : 02/21/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250426-71605 | 250426-71606 | 250426-71607 | 250426-71608 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250426**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/18-19/2025**
**RECEIVING DATE : 02/19/2025**
**ANALYSIS DATE : 02/19/2025**
**REPORT DATE : 02/21/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250426-71609 | 250426-71610 | 250426-71611 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/19/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8092 | 0.514 | 104.0 | 4.3 |
| Duplicate | 7583 | 0.482 | 97.5 | 2.3 |
| Triplicate | 7600 | 0.483 | 97.7 | 2.0 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7523 | 0.515 | 101.5 | 4.3 |
| Duplicate | 7048 | 0.483 | 95.1 | 2.3 |
| Triplicate | 7061 | 0.484 | 95.3 | 2.1 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7966 | 0.485 | 100.8 | 2.3 |
| Duplicate | 7556 | 0.460 | 95.6 | 3.0 |
| Triplicate | 7840 | 0.477 | 99.2 | 0.7 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.246 | 0.226 | 99.6 | 91.5 | 8.5 |
| MeSH | <PQL | 0.254 | 0.262 | 0.241 | 103.3 | 95.0 | 8.3 |
| DMS | <PQL | 0.240 | 0.256 | 0.235 | 106.6 | 97.8 | 8.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.457 | 92.5 |
| MeSH | 0.508 | 0.458 | 90.2 |
| DMS | 0.481 | 0.436 | 90.7 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/20/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7774 | 0.494 | 99.9 | 1.5 |
| Duplicate | 7934 | 0.504 | 102.0 | 0.5 |
| Triplicate | 7980 | 0.507 | 102.6 | 1.1 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7102 | 0.486 | 95.9 | 1.7 |
| Duplicate | 7334 | 0.502 | 99.0 | 1.5 |
| Triplicate | 7244 | 0.496 | 97.8 | 0.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7514 | 0.457 | 95.1 | 3.9 |
| Duplicate | 7917 | 0.482 | 100.2 | 1.2 |
| Triplicate | 8031 | 0.488 | 101.7 | 2.7 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.241 | 0.238 | 97.6 | 96.4 | 1.3 |
| MeSH | <PQL | 0.254 | 0.242 | 0.239 | 95.4 | 94.2 | 1.2 |
| DMS | <PQL | 0.240 | 0.246 | 0.239 | 102.4 | 99.5 | 2.9 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.453 | 91.7 |
| MeSH | 0.508 | 0.458 | 90.2 |
| DMS | 0.481 | 0.433 | 90.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.005 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250426

| Client/Project Name SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Project Location Valencia, CA |
|---|---|
| Project No. | Field Logbook No. |
| Sampler: (Print) D Hernandez (Signature) | No. Of Containers 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/18-19/25 | 0630 - 0630 | 71600 | 6L Summa Canister | X | X | | | -12 HG | 002125 / 02323 |
| MS-12 | 2/18-19/25 | 0640 - 0640 | 71601 | 6L Summa Canister | X | X | | | -11 HG | 001859 / 000885 |
| MS-08 | 2/18-19/25 | 0650 - 0650 | 71602 | 6L Summa Canister | X | X | | | -19 HG | 001822 / 000884 |
| MS-09 | 2/18-19/25 | 0700 - 0700 | 71603 | 6L Summa Canister | X | X | | | -14 HG | 001986 / 03608 |
| ~~MS-10~~ | ~~2/18-19/25~~ | ~~0715 - 0715~~ | Do Not Analyze | 6L Summa Canister | X | X | | | -30 HG | 002076 / 03291 |
| MS-06 | 2/18-19/25 | 0730 - 0730 | 71604 | 6L Summa Canister | X | X | | | -13 HG | 002074 / 05097 |
| ~~MS-11~~ | ~~2/18-19/25~~ | ~~0750 - 0750~~ | Do Not Analyze Controller Malfunction | 6L Summa Canister | X | X | | | -30 HG | 001860 / 19505 |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 2/19/25 | 0833 | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| | | | | | |
| Relinquished by: (Signature) | Date | Time | Received for Laboratory: (Signature) | Date | Time |
| | | | | 2/19/25 | 0833 |
| Sample Disposal Method: | Disposed of by: (Signature) | | | Date | Time |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250426

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** / **(Signature)** | **No. Of Containers** |
| D Hernandez | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/18-19/25 | 0630 - 0630 | 71605 | 10 Liter Bag | x | | | | | |
| MS-12 | 2/18-19/25 | 0640 - 0640 | 71606 | 10 Liter Bag | x | | | | | |
| MS-08 | 2/18-19/25 | 0650 - 0650 | 71607 | 10 Liter Bag | x | | | | | |
| MS-09 | 2/18-19/25 | 0700 - 0700 | 71608 | 10 Liter Bag | x | | | | | |
| MS-10 | 2/18-19/25 | 0715 - 0715 | 71609 | 10 Liter Bag | x | | | | | |
| MS-06 | 2/18-19/25 | 0730 - 0730 | 71610 | 10 Liter Bag | x | | | | | |
| MS-11 | 2/18-19/25 | 0750 - 0750 | 71611 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | **Date** 2/19/25 | **Time** 0833 | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** 2/19/25 | **Time** 0833 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250464
REPORT DATE : 02/27/2025

On February 25th 2025, Atmospheric Analysis & Consulting, Inc. received six (6) Six-Liter Silonite Canisters, and seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-07 | 250464-71801 | 255.6 | MS-07 | 250464-71807 |
| MS-12 | 250464-71802 | 421.6 | MS-12 | 250464-71808 |
| MS-08 | 250464-71803 | 390.4 | MS-08 | 250464-71809 |
| MS-10 | 250464-71804 | 264.0 | MS-09 | 250464-71810 |
| MS-06 | 250464-71805 | 680.6 | MS-10 | 250464-71811 |
| MS-11 | 250464-71806 | 299.1 | MS-06 | 250464-71812 |
| - | - | - | MS-11 | 250464-71813 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D
Technical Director

This report consists of 8 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250464**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/24-25/2025**
**RECEIVING DATE : 02/25/2025**
**ANALYSIS DATE : 02/26/2025**
**REPORT DATE : 02/27/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-10 | MS-06 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250464-71801 | 250464-71802 | 250464-71803 | 250464-71804 | 250464-71805 | 250464-71806 |
| Canister Dil. Fac. | 3.98 | 2.41 | 2.62 | 3.86 | 1.51 | 3.45 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| COS / SO2 | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Methyl Mercaptan | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Ethyl Mercaptan | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Dimethyl Sulfide | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Carbon Disulfide | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Isopropyl Mercaptan | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| tert-Butyl Mercaptan | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| n-Propyl Mercaptan | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Methylethylsulfide | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| sec-Butyl Mercaptan / Thiophene | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| iso-Butyl Mercaptan | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Diethyl Sulfide | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| n-Butyl Mercaptan | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Dimethyl Disulfide | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| 2-Methylthiophene | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| 3-Methylthiophene | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Tetrahydrothiophene | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Bromothiophene | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Thiophenol | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Diethyl Disulfide | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Total Unidentified Sulfur | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |
| Total Reduced Sulfurs | < 0.020 | < 0.012 | < 0.013 | < 0.019 | < 0.008 | < 0.017 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250464**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/24-25/2025**
**RECEIVING DATE : 02/25/2025**
**ANALYSIS DATE : 02/25/2025**
**REPORT DATE : 02/27/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250464-71807 | 250464-71808 | 250464-71809 | 250464-71810 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250464**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 02/24-25/2025**
**RECEIVING DATE : 02/25/2025**
**ANALYSIS DATE : 02/25/2025**
**REPORT DATE : 02/27/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250464-71811 | 250464-71812 | 250464-71813 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit . x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/25/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8074 | 0.513 | 103.8 | 4.6 |
| Duplicate | 7464 | 0.474 | 96.0 | 3.3 |
| Triplicate | 7621 | 0.484 | 98.0 | 1.3 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7517 | 0.515 | 101.4 | 3.1 |
| Duplicate | 7222 | 0.495 | 97.5 | 0.9 |
| Triplicate | 7130 | 0.488 | 96.2 | 2.2 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8291 | 0.504 | 104.9 | 4.9 |
| Duplicate | 7650 | 0.465 | 96.8 | 3.2 |
| Triplicate | 7779 | 0.473 | 98.5 | 1.6 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250461-71794**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250461-71794 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.240 | 0.243 | 97.2 | 98.4 | 1.2 |
| MeSH | <PQL | 0.254 | 0.242 | 0.242 | 95.4 | 95.4 | 0.0 |
| DMS | <PQL | 0.240 | 0.249 | 0.244 | 103.6 | 101.7 | 1.9 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.518 | 104.9 |
| MeSH | 0.508 | 0.548 | 108.0 |
| DMS | 0.481 | 0.527 | 109.7 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 2/26/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8158 | 0.518 | 104.9 | 2.2 |
| Duplicate | 8161 | 0.518 | 104.9 | 2.2 |
| Triplicate | 7637 | 0.485 | 98.2 | 4.4 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7605 | 0.521 | 102.6 | 1.9 |
| Duplicate | 7686 | 0.526 | 103.7 | 3.0 |
| Triplicate | 7096 | 0.486 | 95.8 | 4.9 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7978 | 0.485 | 101.0 | 0.6 |
| Duplicate | 8147 | 0.496 | 103.1 | 2.7 |
| Triplicate | 7674 | 0.467 | 97.1 | 3.3 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.245 | 0.246 | 99.2 | 99.6 | 0.4 |
| MeSH | <PQL | 0.254 | 0.239 | 0.260 | 94.2 | 102.5 | 8.4 |
| DMS | <PQL | 0.240 | 0.235 | 0.254 | 97.8 | 105.7 | 7.8 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.503 | 101.8 |
| MeSH | 0.508 | 0.476 | 93.8 |
| DMS | 0.481 | 0.452 | 94.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250464

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Canister / Controller | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/24-25/25 | 0705 - 0705 | 71801 | 6L Summa Canister | x | x | | | -19 HG | 002092 / 17589 | |
| MS-12 | 2/24-25/25 | 0720 - 0720 | 71802 | 6L Summa Canister | x | x | | | -15 HG | 001990 / 19506 | |
| MS-08 | 2/24-25/25 | 0730 - 0730 | 71803 | 6L Summa Canister | x | x | | | -10 HG | 002143 / 19507 | |
| ~~MS-09~~ | ~~2/24-25/25~~ | ~~0740 - 0740~~ | Do Not Analyze | ~~6L Summa Canister~~ | ~~x~~ | ~~x~~ | | | ~~-24 HG~~ | 002069 / 19595 | |
| MS-10 | 2/24-25/25 | 0800 - 0800 | 71804 | 6L Summa Canister | x | x | | | -19 HG | 002131 / 19597 | |
| MS-06 | 2/24-25/25 | 0815 - 0815 | 71805 | 6L Summa Canister | x | x | | | -2 HG | 002063 / 03109 | |
| MS-11 | 2/24-25/25 | 0845 - 0845 | 71806 | 6L Summa Canister | x | x | | | -18 HG | 002148 / 000998 | |
| | | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 2/25/25 | 0930 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 2/25/25 | 0931 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250464

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES:** 307.91 Sulfur

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Remarks |
|---|---|---|---|---|---|---|
| MS-07 | 2/24-25/25 | 0705 - 0705 | 71807 | 10 Liter Bag | x | |
| MS-12 | 2/24-25/25 | 0720 - 0720 | 71808 | 10 Liter Bag | x | |
| MS-08 | 2/24-25/25 | 0730 - 0730 | 71809 | 10 Liter Bag | x | |
| MS-09 | 2/24-25/25 | 0740 - 0740 | 71810 | 10 Liter Bag | x | |
| MS-10 | 2/24-25/25 | 0800 - 0800 | 71811 | 10 Liter Bag | X | |
| MS-06 | 2/24-25/25 | 0815 - 0815 | 71812 | 10 Liter Bag | X | |
| MS-11 | 2/24-25/25 | 0845 - 0845 | 71813 | 10 Liter Bag | X | |
| | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 2/25/25 | 0930 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 2/25/25 | 0931 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250464
REPORT DATE : 03/10/2025

On February 25, 2025, Atmospheric Analysis & Consulting, Inc. received six (6) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-07 | 250464-71801 | 255.6 |
| MS-12 | 250464-71802 | 421.6 |
| MS-08 | 250464-71803 | 390.4 |
| MS-10 | 250464-71804 | 264.0 |
| MS-06 | 250464-71805 | 680.6 |
| MS-11 | 250464-71806 | 299.1 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Sample "MS-06" (71299) was received with the valve open was and voided. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 14 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250464
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/25/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250464-71801 | | | | 250464-71802 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 3.98 | | | | 2.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Propene | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 19.9 | <SRL | U | 1 | 12.1 | 5.00 |
| Methanol | <SRL | U | 1 | 19.9 | <SRL | U | 1 | 12.1 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Ethanol | 24.7 | | 1 | 7.96 | 16.2 | | 1 | 4.82 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Acrolein | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| Acetone | 20.7 | | 1 | 7.96 | 10.7 | | 1 | 4.82 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 7.96 | <SRL | U | 1 | 4.82 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 7.96 | <SRL | U | 1 | 4.82 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 7.96 | <SRL | U | 1 | 4.82 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 2-Butanone (MEK) | 11.1 | | 1 | 3.98 | 9.45 | | 1 | 2.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Hexane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Benzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250464
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/25/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250464-71801 | | | | 250464-71802 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 3.98 | | | | 2.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Heptane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Toluene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 7.96 | <SRL | U | 1 | 4.82 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Styrene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| Naphthalene | <SRL | U | 1 | 3.98 | <SRL | U | 1 | 2.41 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.99 | <SRL | U | 1 | 1.21 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 92% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250464
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/25/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250464-71803 | | | | 250464-71804 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.62 | | | | 3.86 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Propene | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 13.1 | <SRL | U | 1 | 19.3 | 5.00 |
| Methanol | <SRL | U | 1 | 13.1 | <SRL | U | 1 | 19.3 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Ethanol | 9.34 | | 1 | 5.23 | 17.1 | | 1 | 7.72 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| Acetone | 10.4 | | 1 | 5.23 | 28.8 | | 1 | 7.72 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 5.23 | <SRL | U | 1 | 7.72 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 5.23 | <SRL | U | 1 | 7.72 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 5.23 | <SRL | U | 1 | 7.72 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 2-Butanone (MEK) | 8.71 | | 1 | 2.62 | 12.1 | | 1 | 3.86 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Hexane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.31 | 3.90 | | 1 | 1.93 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Benzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250464
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/25/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250464-71803 | | | | 250464-71804 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.62 | | | | 3.86 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Heptane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Toluene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 5.23 | <SRL | U | 1 | 7.72 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Styrene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.62 | <SRL | U | 1 | 3.86 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.31 | <SRL | U | 1 | 1.93 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250464
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/25/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250464-71805 | | | | 250464-71806 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 1.51 | | | | 3.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.53 | <SRL | U | 1 | 17.2 | 5.00 |
| Methanol | <SRL | U | 1 | 7.53 | <SRL | U | 1 | 17.2 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Ethanol | 26.9 | | 1 | 3.01 | 19.1 | | 1 | 6.90 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| Acetone | 9.64 | | 1 | 3.01 | 10.6 | | 1 | 6.90 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 6.90 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 6.90 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 6.90 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 2-Butanone (MEK) | 2.59 | | 1 | 1.51 | 10.1 | | 1 | 3.45 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250464
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 02/25/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250464-71805 | | | | 250464-71806 | | | | |
| *Date Sampled* | 02/24/2025 | | | | 02/24/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 1.51 | | | | 3.45 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 6.90 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 3.45 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 1.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 91% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*LIMONENE ANALYSIS VIA TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250464**
**MATRIX : AIR**

**DATE RECEIVED : 02/25/2025**
**DATE REPORTED : 03/10/2025**
**ANALYST : RB**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DFs) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 250464-71801 | 02/24/2025 | 03/07/2025 | <SRL | 3.98 | 1.0 | 1.99 | 0.5 | 95% |
| MS-12 | 250464-71802 | 02/24/2025 | 03/07/2025 | <SRL | 2.41 | 1.0 | 1.21 | 0.5 | 92% |
| MS-08 | 250464-71803 | 02/24/2025 | 03/07/2025 | 2.46 | 2.62 | 1.0 | 1.31 | 0.5 | 96% |
| MS-10 | 250464-71804 | 02/24/2025 | 03/07/2025 | <SRL | 3.86 | 1.0 | 1.93 | 0.5 | 97% |
| MS-06 | 250464-71805 | 02/24/2025 | 03/07/2025 | <SRL | 1.51 | 1.0 | 0.75 | 0.5 | 91% |
| MS-11 | 250464-71806 | 02/24/2025 | 03/07/2025 | <SRL | 3.45 | 1.0 | 1.72 | 0.5 | 95% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/07/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022725-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 02/27/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.67 | 103 |
| Chlorodifluoromethane | 9.90 | 9.82 | 99 |
| Propene | 10.80 | 11.92 | 110 |
| Dichlorodifluoromethane | 10.40 | 9.40 | 90 |
| Dimethyl Ether | 10.40 | 9.93 | 95 |
| Chloromethane | 10.50 | 10.93 | 104 |
| Dichlorotetrafluoroethane | 10.30 | 9.44 | 92 |
| Vinyl Chloride | 10.70 | 9.98 | 93 |
| Acetaldehyde | 20.40 | 19.75 | 97 |
| Methanol | 23.00 | 20.30 | 88 |
| 1,3-Butadiene | 10.70 | 10.08 | 94 |
| Bromomethane | 10.40 | 9.97 | 96 |
| Chloroethane | 10.40 | 9.59 | 92 |
| Dichlorofluoromethane | 10.10 | 8.95 | 89 |
| Ethanol | 11.60 | 9.06 | 78 |
| Vinyl Bromide | 10.40 | 8.88 | 85 |
| Acrolein | 11.00 | 10.04 | 91 |
| Acetone | 10.60 | 9.05 | 85 |
| Trichlorofluoromethane | 10.50 | 9.94 | 95 |
| 2-Propanol (IPA) | 11.00 | 9.19 | 84 |
| Acrylonitrile | 11.00 | 9.59 | 87 |
| 1,1-Dichloroethene | 10.50 | 9.52 | 91 |
| Methylene Chloride (DCM) | 10.50 | 9.46 | 90 |
| TertButanol (TBA) | 11.20 | 10.81 | 97 |
| Allyl Chloride | 10.80 | 10.10 | 94 |
| Carbon Disulfide | 10.50 | 9.45 | 90 |
| Trichlorotrifluoroethane | 10.40 | 9.46 | 91 |
| trans-1,2-Dichloroethene | 10.80 | 9.19 | 85 |
| 1,1-Dichloroethane | 10.70 | 9.87 | 92 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 12.27 | 115 |
| Vinyl Acetate | 11.00 | 10.87 | 99 |
| 2-Butanone (MEK) | 10.80 | 10.09 | 93 |
| cis-1,2-Dichloroethene | 10.70 | 9.61 | 90 |
| Hexane | 10.90 | 11.55 | 106 |
| Chloroform | 10.70 | 10.00 | 93 |
| Ethyl Acetate | 10.70 | 10.56 | 99 |
| Tetrahydrofuran | 10.50 | 9.52 | 91 |
| 1,2-Dichloroethane | 10.60 | 9.76 | 92 |
| 1,1,1-Trichloroethane | 10.50 | 9.68 | 92 |
| Benzene | 10.70 | 10.41 | 97 |
| Carbon Tetrachloride | 10.30 | 9.30 | 90 |
| Cyclohexane | 10.50 | 10.15 | 97 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.18 | 95 |
| Bromodichloromethane | 10.60 | 9.54 | 90 |
| 1,4-Dioxane | 10.50 | 11.35 | 108 |
| Trichloroethene (TCE) | 10.60 | 9.18 | 87 |
| 2,2,4-Trimethylpentane | 10.50 | 10.30 | 98 |
| Methyl Methacrylate | 11.00 | 11.78 | 107 |
| Heptane | 10.50 | 10.86 | 103 |
| cis-1,3-Dichloropropene | 10.60 | 9.67 | 91 |
| 4-Methyl-2-pentanone (MiBK) | 10.60 | 11.66 | 110 |
| trans-1,3-Dichloropropene | 10.70 | 10.21 | 95 |
| 1,1,2-Trichloroethane | 10.70 | 9.96 | 93 |
| Toluene | 10.80 | 10.72 | 99 |
| 2-Hexanone (MBK) | 10.60 | 10.96 | 103 |
| Dibromochloromethane | 10.70 | 9.44 | 88 |
| 1,2-Dibromoethane | 10.70 | 9.80 | 92 |
| Tetrachloroethene (PCE) | 10.60 | 9.40 | 89 |
| Chlorobenzene | 10.80 | 10.02 | 93 |
| Ethylbenzene | 10.60 | 11.18 | 105 |
| m & p-Xylene | 21.20 | 22.44 | 106 |
| Bromoform | 10.60 | 9.45 | 89 |
| Styrene | 10.60 | 11.53 | 109 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 10.57 | 100 |
| o-Xylene | 10.60 | 11.39 | 107 |
| 1,2,3-Trichloropropane | 10.50 | 9.84 | 94 |
| Isopropylbenzene (Cumene) | 10.50 | 11.25 | 107 |
| α-Pinene | 10.10 | 10.59 | 105 |
| 2-Chlorotoluene | 10.60 | 10.78 | 102 |
| n-Propylbenzene | 10.50 | 11.62 | 111 |
| 4-Ethyltoluene | 10.40 | 10.72 | 103 |
| 1,3,5-Trimethylbenzene | 10.40 | 10.70 | 103 |
| β-Pinene | 10.90 | 10.41 | 96 |
| 1,2,4-Trimethylbenzene | 10.50 | 10.63 | 101 |
| Benzyl Chloride (a-Chlorotoluene) | 10.50 | 10.53 | 100 |
| 1,3-Dichlorobenzene | 10.50 | 10.09 | 96 |
| 1,4-Dichlorobenzene | 10.50 | 10.38 | 99 |
| Sec-ButylBenzene | 10.70 | 11.45 | 107 |
| 1,2-Dichlorobenzene | 10.70 | 10.39 | 97 |
| n-ButylBenzene | 10.50 | 10.13 | 96 |
| 1,2-Dibromo-3-Chloropropane | 10.30 | 9.37 | 91 |
| 1,2,4-Trichlorobenzene | 10.80 | 9.98 | 92 |
| Naphthalene | 10.80 | 10.30 | 95 |
| Hexachlorobutadiene | 11.00 | 9.75 | 89 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/07/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022725-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS [1] Recovery* | *LCSD [1] Recovery* | *LCS [1] % Recovery [2]* | *LCSD [1] % Recovery [2]* | *RPD [3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.67 | 9.33 | 103 | 99 | 3.6 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 9.52 | 9.83 | 91 | 94 | 3.2 |
| Methylene Chloride (DCM) | 0.0 | 10.50 | 9.46 | 9.58 | 90 | 91 | 1.3 |
| Benzene | 0.0 | 10.70 | 10.41 | 10.54 | 97 | 99 | 1.2 |
| Trichloroethene (TCE) | 0.0 | 10.60 | 9.18 | 9.50 | 87 | 90 | 3.4 |
| Toluene | 0.0 | 10.80 | 10.72 | 11.37 | 99 | 105 | 5.9 |
| Tetrachloroethene (PCE) | 0.0 | 10.60 | 9.40 | 9.67 | 89 | 91 | 2.8 |
| Chlorobenzene | 0.0 | 10.80 | 10.02 | 10.34 | 93 | 96 | 3.1 |
| Ethylbenzene | 0.0 | 10.60 | 11.18 | 11.14 | 105 | 105 | 0.4 |
| m & p-Xylene | 0.0 | 21.20 | 22.44 | 22.26 | 106 | 105 | 0.8 |
| o-Xylene | 0.0 | 10.60 | 11.39 | 11.26 | 107 | 106 | 1.1 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/07/2025** | **INSTRUMENT ID : GC/MS-03**
**MATRIX : High Purity He or $N_2$** | **ANALYST : RB**
**UNITS : PPB (v/v)**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 030725* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 91% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 0.5 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 030725* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/07/2025**
**MATRIX : Air**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**
**DILUTION FACTOR[1] : x2.41**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250464-71802

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 4-BFB (surrogate standard) | 8.61 | 8.90 | 3.3 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 16.2 | 16.2 | 0.1 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 10.7 | 11.5 | 6.7 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | 9.45 | 8.95 | 5.5 |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD[2]* |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250464

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 2/24-25/25 | 0705 -0705 | 71801 | 6L Summa Canister | x | x | | | -19 HG | 002092 / 17589 |
| MS-12 | 2/24-25/25 | 0720 -0720 | 71802 | 6L Summa Canister | x | x | | | -15 HG | 001990 / 19506 |
| MS-08 | 2/24-25/25 | 0730 -0730 | 71803 | 6L Summa Canister | x | x | | | -10 HG | 002143 / 19507 |
| ~~MS-09~~ | ~~2/24-25/25~~ | ~~0740 -0740~~ | Do Not Analyze | ~~6L Summa Canister~~ | ~~x~~ | ~~x~~ | | | ~~-24 HG~~ | ~~002064 / 19595~~ |
| MS-10 | 2/24-25/25 | 0800 -0800 | 71804 | 6L Summa Canister | x | x | | | -19 HG | 002131 / 19597 |
| MS-06 | 2/24-25/25 | 0815 -0815 | 71805 | 6L Summa Canister | x | x | | | -2 HG | 002063 / 03109 |
| MS-11 | 2/24-25/25 | 0845 -0845 | 71806 | 6L Summa Canister | x | x | | | -18 HG | 002148 / 000998 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 2/25/25 | 0930 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 2/25/25 | 0931 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250464

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES:** 307.91 Sulfur

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Remarks |
|---|---|---|---|---|---|---|
| MS-07 | 2/24-25/25 | 0705 - 0705 | 71807 | 10 Liter Bag | X | |
| MS-12 | 2/24-25/25 | 0720 - 0720 | 71808 | 10 Liter Bag | X | |
| MS-08 | 2/24-25/25 | 0730 - 0730 | 71809 | 10 Liter Bag | X | |
| MS-09 | 2/24-25/25 | 0740 - 0740 | 71810 | 10 Liter Bag | X | |
| MS-10 | 2/24-25/25 | 0800 - 0800 | 71811 | 10 Liter Bag | X | |
| MS-06 | 2/24-25/25 | 0815 - 0815 | 71812 | 10 Liter Bag | X | |
| MS-11 | 2/24-25/25 | 0845 - 0845 | 71813 | 10 Liter Bag | X | |
| | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 2/25/25 | 0930 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 2/25/25 | 0931 |

**Sample Disposal Method:**

**Disposed of by: (Signature)**

**Date** | **Time**

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7c cans (1c void) + 7c capped Encachs

April 21, 2025
File No. 01204123.21

Dr. Muntu Davis, M.D., M.P.H.
Health Officer
Department of Public Health
Environmental Health
5050 Commerce Drive
Baldwin Park, California 91706

**Subject:** **Monthly Enhanced Air Monitoring Program Data, March 2025, Chiquita Canyon Landfill**

Dear Dr. Davis:

This submittal has been prepared for the Los Angeles County Department of Public Health (DPH), by **SCS Engineers** (SCS) on behalf of Chiquita Canyon, LLC (Chiquita) as part of the monthly reporting recommendation outlined in the August 15, 2023 letter from Chiquita to DPH (Workplan).

In accordance with the Workplan, SCS has prepared this submittal which contains analytical data from both weekly sampling as well as continuous monitoring data from two enhanced monitoring stations (MS-10 micro-GC and MS-12 micro-GC). A description of the data contained in the submittal is provided below.

## Weekly Sampling Data

Weekly sampling data includes discrete grab samples at all 12 existing air monitoring stations (MS-01 through MS-12) (see **Figure 1**) for an expanded list of volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (EPA) Method 15 (TO-15), sulfur compounds via South Coast Air Quality Management District (SCAQMD) Method 307.91, and odor using a Scentroid SS400 Six Station Portable Olfactometer (SS400), which is a method compliant with E679-04. Results for the March 2025 weekly grab samples and odor samples are found in **Attachment A** and **Attachment B** respectively.

In addition, the weekly raw analytical data also includes 24-hour samples at each of the seven off-site monitoring station locations (MS-06 through MS-12). Samples are analyzed for the same constituents as the weekly grab sample analysis. Results for the March 2025 24-hr samples are found in **Attachment C.**

## Enhanced Continuous Monitoring Data

In August 2023, SCS installed continuous air monitoring modules at existing stations MS-04 and MS-12. The monitors analyze benzene, toluene, ethylbenzene, and total xylenes (BTEX) as well as total reduced sulfur (TRS). The intent of the new monitor module installation was to evaluate the data to determine whether these modules should be incorporated into the existing air monitoring stations on a permanent basis by comparing the data to laboratory data and trending the data to see how the real-time data correlates with the laboratory data from samples collected at the same time.

The BTEX and TRS units have since been removed from all stations, consistent with the Enhanced Air Monitoring Program Modification Workplan dated January 29, 2024 and submitted to DPH and SCAQMD.

In response to the modified Stipulated Oder for Abatement (SOFA) issued by SCAQMD on January 17, 2024, two micro-GC units were installed at MS-10 and MS-12 by the May 1, 2024 deadline. The continuous air monitoring results are hosted online through the Chiquita Canyon website. As of September 2024, eight micro-GC were brought online as part of an expansion of the Enhanced Air Monitoring Program. A link to the real time, continuous data is found below:

https://chiquitacanyon.com/reports/community-air-monitoring-program/

If you have any questions in regard to this submittal, please contact either of the undersigned at (562) 426-9544.

Sincerely,



Stipe Markotic
Staff Scientist
**SCS Engineers**



Raymond H. Huff, REPA
Project Director
**SCS Engineers**

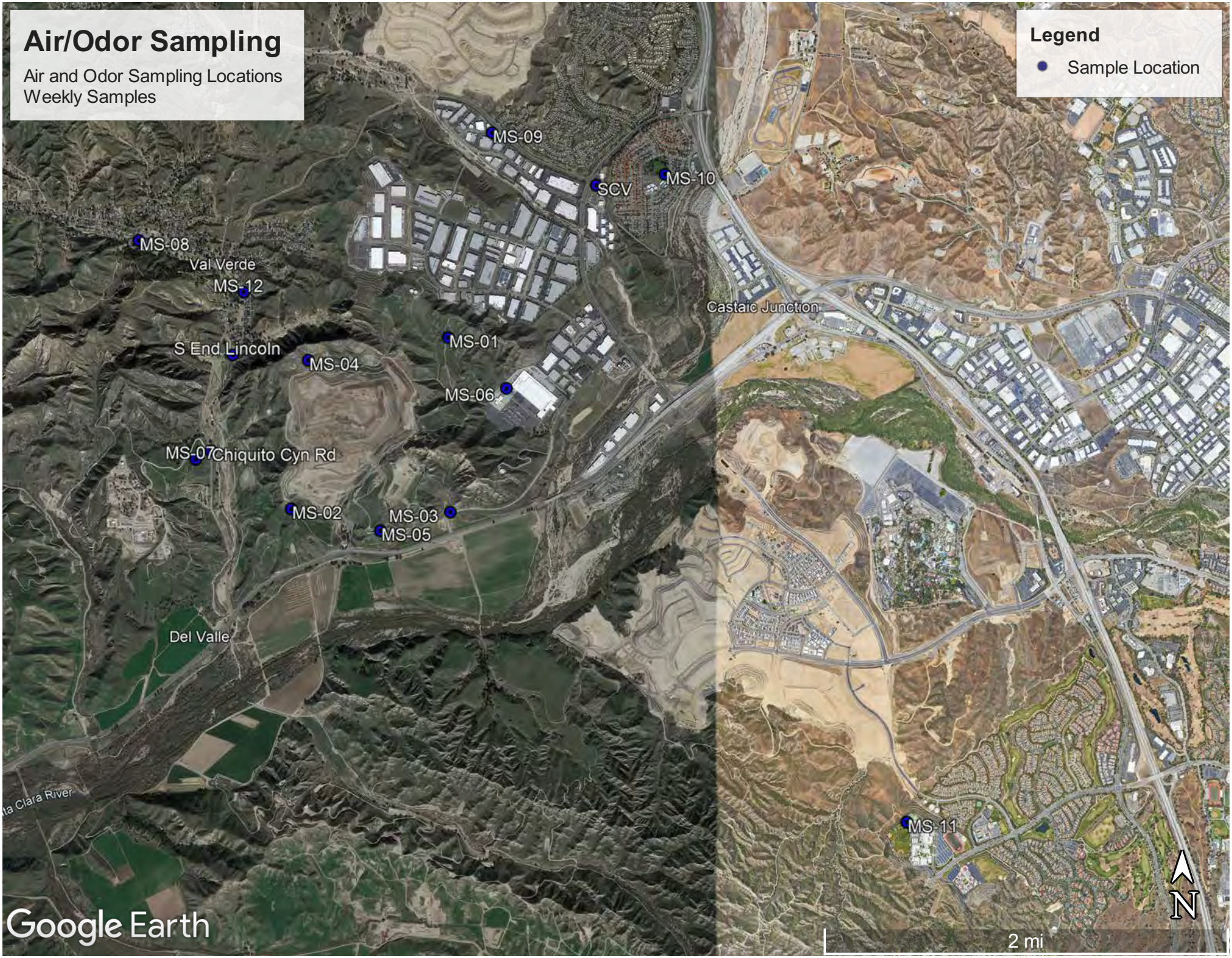
attachments

cc (w/attachments):

Victor Yip (SCAQMD)
Pablo Sanchez-Soria (CTEH)
Edgar De La Torre (LA County Department of Regional Planning)
David Nguyen (PW)
Douglas Cross (Water Resources Control Board)
Shikari Nakagawa-Ota (DPH)
Liza Frias (DPH)
Nichole Quick (DPH)
Joshua Bobrowsky (DPH)
Jacob Kraemer (DPH)
Robert Ragland (DPH)
Blaine McPhillips (County Counsel),
Mark Como (DPH)
Steve Cassulo (CCL)

# FIGURE 1

# MAP OF AIR MONITORING LOCATIONS


Air/Odor Sampling
Air and Odor Sampling Locations
Weekly Samples
Legend
Sample Location
MS-09
SCV
MS-10
MS-08
Val Verde
MS-12
Castaic Junction
MS-01
S End Lincoln
MS-04
MS-06
MS-07
Chiquito Cyn Rd
MS-02
MS-03
MS-05
Del Valle
MS-11
N
2 mi
Google Earth

# ATTACHMENT A

# WEEKLY GRAB SAMPLE LABORATORY ANALYTICAL DATA

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita ON/OFF |
| PROJECT NO. | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250515 |
| REPORT DATE | : 03/07/2025 |

On March 3, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250515-72036 | 743.0 | S. End Lincoln | 250515-72045 | 719.5 |
| MS-07 | 250515-72037 | 723.0 | MS-01 | 250515-72046 | 727.0 |
| MS-08 | 250515-72038 | 721.5 | MS-02 | 250515-72047 | 721.5 |
| MS-09 | 250515-72039 | 727.0 | MS-03 | 250515-72048 | 743.0 |
| MS-10 | 250515-72040 | 757.0 | MS-04 | 250515-72049 | 718.0 |
| MS-11 | 250515-72041 | 760.0 | MS-05 | 250515-72050 | 725.0 |
| MS-12 | 250515-72042 | 725.0 | Working Face | 250515-72051 | 734.0 |
| SCV | 250515-72043 | 753.5 | Reaction | 250515-72052 | 741.5 |
| Chiquito Cyn Rd | 250515-72044 | 725.5 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. Recover for beta-Pinene was low in the QC runs. Compound was not detected in any samples. No other problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72036 | | | | 250515-72037 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.37 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.69 | 0.73 | | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.86 | <SRL | U | 1 | 7.02 | 5.00 |
| Methanol | <SRL | U | 1 | 6.86 | <SRL | U | 1 | 7.02 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.74 | <SRL | U | 1 | 2.81 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | <SRL | U | 1 | 2.74 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.74 | <SRL | U | 1 | 2.81 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.74 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72036 | | | | 250515-72037 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.37 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.40 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.74 | <SRL | U | 1 | 2.81 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 94% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72038 | | | | 250515-72039 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.03 | <SRL | U | 1 | 7.00 | 5.00 |
| Methanol | <SRL | U | 1 | 7.03 | <SRL | U | 1 | 7.00 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.80 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.80 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72038 | | | | 250515-72039 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.40 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.80 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 103% | | | | 103% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72040 | | | | 250515-72041 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.35 | | | | 1.34 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Propene | <SRL | U | 1 | 1.35 | <SRL | U | 1 | 1.34 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.74 | <SRL | U | 1 | 6.68 | 5.00 |
| Methanol | <SRL | U | 1 | 6.74 | 7.21 | | 1 | 6.68 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethanol | 2.96 | | 1 | 2.69 | 5.60 | | 1 | 2.67 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.35 | <SRL | U | 1 | 1.34 | 1.00 |
| Acetone | <SRL | U | 1 | 2.69 | <SRL | U | 1 | 2.67 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.69 | <SRL | U | 1 | 2.67 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.35 | <SRL | U | 1 | 1.34 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.35 | <SRL | U | 1 | 1.34 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.35 | <SRL | U | 1 | 1.34 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.69 | <SRL | U | 1 | 2.67 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.35 | <SRL | U | 1 | 1.34 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Hexane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Benzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72040 | | | | 250515-72041 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.35 | | | | 1.34 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.35 | <SRL | U | 1 | 1.34 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Heptane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.35 | <SRL | U | 1 | 1.34 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Toluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.69 | <SRL | U | 1 | 2.67 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.35 | <SRL | U | 1 | 1.34 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Styrene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.67 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72042 | | | | 250515-72043 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.35 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.35 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.05 | <SRL | U | 1 | 6.77 | 5.00 |
| Methanol | 15.8 | | 1 | 7.05 | <SRL | U | 1 | 6.77 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethanol | 4.91 | | 1 | 2.82 | 3.17 | | 1 | 2.71 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.35 | 1.00 |
| Acetone | <SRL | U | 1 | 2.82 | 4.35 | | 1 | 2.71 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.71 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.35 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.35 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.35 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.71 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.35 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |

## Laboratory Analysis Report

v. 0.5

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

v. 1.0

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72042 | | | | 250515-72043 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.35 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.35 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.35 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.71 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.35 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.68 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72044 | | | | 250515-72045 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.07 | <SRL | U | 1 | 7.12 | 5.00 |
| Methanol | <SRL | U | 1 | 7.07 | <SRL | U | 1 | 7.12 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.85 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.85 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72044 | | | | 250515-72045 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.85 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 97% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72046 | | | | 250515-72047 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.00 | <SRL | U | 1 | 7.10 | 5.00 |
| Methanol | <SRL | U | 1 | 7.00 | <SRL | U | 1 | 7.10 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72046 | | | | 250515-72047 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 91% | | | | 102% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72048 | | | | 250515-72049 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.37 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.83 | <SRL | U | 1 | 7.08 | 5.00 |
| Methanol | <SRL | U | 1 | 6.83 | <SRL | U | 1 | 7.08 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.73 | <SRL | U | 1 | 2.83 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.73 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.73 | <SRL | U | 1 | 2.83 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.73 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72048 | | | | 250515-72049 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.37 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.42 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.73 | <SRL | U | 1 | 2.83 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.37 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72050 | | | | 250515-72051 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloromethane | 0.93 | | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 6.91 | 5.00 |
| Methanol | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 6.91 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.76 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Acetone | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.76 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.76 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.76 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250515-72050 | | | | 250515-72051 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.76 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.38 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.69 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250515-72052 | | | | |
| *Date Sampled* | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.37 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.68 | 0.50 |
| Propene | <SRL | U | 1 | 1.37 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.68 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.68 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.68 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.84 | 5.00 |
| Methanol | <SRL | U | 1 | 6.84 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.68 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.68 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.74 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.68 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.37 | 1.00 |
| Acetone | <SRL | U | 1 | 2.74 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.74 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.37 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.68 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.37 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.68 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.37 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.74 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.68 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.37 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.68 | 0.50 |
| Hexane | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.68 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.68 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250515
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/03/2025
DATE REPORTED : 03/07/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250515-72052 | | | | |
| *Date Sampled* | 03/03/2025 | | | | |
| *Date Analyzed* | 03/06/2025 | | | | |
| *Can Dilution Factor* | 1.37 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.68 | 0.50 |
| Benzene | <SRL | U | 1 | 0.68 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.68 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.68 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.37 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.68 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.68 | 0.50 |
| Heptane | <SRL | U | 1 | 0.68 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.37 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.68 | 0.50 |
| Toluene | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.74 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.68 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.68 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.68 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.37 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.68 | 0.50 |
| Styrene | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.68 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.68 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.68 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.68 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.68 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.68 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.68 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.68 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.68 | 0.50 |
| Naphthalene | <SRL | U | 1 | 0.68 | 0.50 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.68 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 89% | | | 70-130% |

U - Compound was not detected at or above the SRL.

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250515**
**MATRIX : AIR**

**DATE RECEIVED : 03/03/2025**
**DATE REPORTED : 03/07/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250515-72036 | 03/03/2025 | 03/06/2025 | <SRL | 1.37 | 1.0 | 94% |
| MS-07 | 250515-72037 | 03/03/2025 | 03/06/2025 | <SRL | 1.40 | 1.0 | 94% |
| MS-08 | 250515-72038 | 03/03/2025 | 03/06/2025 | <SRL | 1.41 | 1.0 | 103% |
| MS-09 | 250515-72039 | 03/03/2025 | 03/06/2025 | <SRL | 1.40 | 1.0 | 103% |
| MS-10 | 250515-72040 | 03/03/2025 | 03/06/2025 | <SRL | 1.35 | 1.0 | 95% |
| MS-11 | 250515-72041 | 03/03/2025 | 03/06/2025 | <SRL | 1.34 | 1.0 | 96% |
| MS-12 | 250515-72042 | 03/03/2025 | 03/06/2025 | <SRL | 1.41 | 1.0 | 94% |
| SCV | 250515-72043 | 03/03/2025 | 03/06/2025 | <SRL | 1.35 | 1.0 | 95% |
| Chiquito Cyn Rd | 250515-72044 | 03/03/2025 | 03/06/2025 | <SRL | 1.41 | 1.0 | 95% |
| S. End Lincoln | 250515-72045 | 03/03/2025 | 03/06/2025 | <SRL | 1.42 | 1.0 | 97% |
| MS-01 | 250515-72046 | 03/03/2025 | 03/06/2025 | <SRL | 1.40 | 1.0 | 91% |
| MS-02 | 250515-72047 | 03/03/2025 | 03/06/2025 | <SRL | 1.42 | 1.0 | 102% |
| MS-03 | 250515-72048 | 03/03/2025 | 03/06/2025 | 1.73 | 1.37 | 1.0 | 95% |
| MS-04 | 250515-72049 | 03/03/2025 | 03/06/2025 | <SRL | 1.42 | 1.0 | 95% |
| MS-05 | 250515-72050 | 03/03/2025 | 03/06/2025 | <SRL | 1.40 | 1.0 | 96% |
| Working Face | 250515-72051 | 03/03/2025 | 03/06/2025 | <SRL | 1.38 | 1.0 | 96% |
| Reaction | 250515-72052 | 03/03/2025 | 03/06/2025 | 2.09 | 1.37 | 1.0 | 89% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250515**
**MATRIX : AIR**

**DATE RECEIVED : 03/03/2025**
**DATE REPORTED : 03/07/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250515-72036 | 03/03/2025 | 03/06/2025 | <SRL | 1.37 | 1.0 | 94% |
| MS-07 | 250515-72037 | 03/03/2025 | 03/06/2025 | <SRL | 1.40 | 1.0 | 94% |
| MS-08 | 250515-72038 | 03/03/2025 | 03/06/2025 | <SRL | 1.41 | 1.0 | 103% |
| MS-09 | 250515-72039 | 03/03/2025 | 03/06/2025 | <SRL | 1.40 | 1.0 | 103% |
| MS-10 | 250515-72040 | 03/03/2025 | 03/06/2025 | <SRL | 1.35 | 1.0 | 95% |
| MS-11 | 250515-72041 | 03/03/2025 | 03/06/2025 | <SRL | 1.34 | 1.0 | 96% |
| MS-12 | 250515-72042 | 03/03/2025 | 03/06/2025 | <SRL | 1.41 | 1.0 | 94% |
| SCV | 250515-72043 | 03/03/2025 | 03/06/2025 | <SRL | 1.35 | 1.0 | 95% |
| Chiquito Cyn Rd | 250515-72044 | 03/03/2025 | 03/06/2025 | <SRL | 1.41 | 1.0 | 95% |
| S. End Lincoln | 250515-72045 | 03/03/2025 | 03/06/2025 | <SRL | 1.42 | 1.0 | 97% |
| MS-01 | 250515-72046 | 03/03/2025 | 03/06/2025 | <SRL | 1.40 | 1.0 | 91% |
| MS-02 | 250515-72047 | 03/03/2025 | 03/06/2025 | <SRL | 1.42 | 1.0 | 102% |
| MS-03 | 250515-72048 | 03/03/2025 | 03/06/2025 | <SRL | 1.37 | 1.0 | 95% |
| MS-04 | 250515-72049 | 03/03/2025 | 03/06/2025 | <SRL | 1.42 | 1.0 | 95% |
| MS-05 | 250515-72050 | 03/03/2025 | 03/06/2025 | <SRL | 1.40 | 1.0 | 96% |
| Working Face | 250515-72051 | 03/03/2025 | 03/06/2025 | <SRL | 1.38 | 1.0 | 96% |
| Reaction | 250515-72052 | 03/03/2025 | 03/06/2025 | <SRL | 1.37 | 1.0 | 89% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/06/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-010825-01**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 01/24/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.44 | 100 |
| Chlorodifluoromethane | 10.20 | 11.60 | 114 |
| Propene | 10.70 | 13.50 | 126 |
| Dichlorodifluoromethane | 10.40 | 10.43 | 100 |
| Dimethyl Ether | 10.10 | 11.93 | 118 |
| Chloromethane | 10.50 | 11.61 | 111 |
| Dichlorotetrafluoroethane | 10.20 | 11.10 | 109 |
| Vinyl Chloride | 10.60 | 11.34 | 107 |
| Acetaldehyde | 20.90 | 19.21 | 92 |
| Methanol | 20.40 | 18.01 | 88 |
| 1,3-Butadiene | 10.70 | 12.18 | 114 |
| Bromomethane | 10.40 | 10.93 | 105 |
| Chloroethane | 10.40 | 11.46 | 110 |
| Dichlorofluoromethane | 10.10 | 10.79 | 107 |
| Ethanol | 11.40 | 9.25 | 81 |
| Vinyl Bromide | 10.10 | 9.53 | 94 |
| Acrolein | 10.90 | 10.79 | 99 |
| Acetone | 10.60 | 9.78 | 92 |
| Trichlorofluoromethane | 10.50 | 10.10 | 96 |
| 2-Propanol (IPA) | 11.00 | 10.04 | 91 |
| Acrylonitrile | 11.10 | 10.70 | 96 |
| 1,1-Dichloroethene | 10.50 | 11.14 | 106 |
| Methylene Chloride (DCM) | 10.40 | 10.95 | 105 |
| TertButanol (TBA) | 11.20 | 9.53 | 85 |
| Allyl Chloride | 10.20 | 10.78 | 106 |
| Carbon Disulfide | 10.50 | 9.48 | 90 |
| Trichlorotrifluoroethane | 10.30 | 12.76 | 124 |
| trans-1,2-Dichloroethene | 10.80 | 9.91 | 92 |
| 1,1-Dichloroethane | 10.70 | 11.45 | 107 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.73 | 100 |
| Vinyl Acetate | 11.00 | 11.14 | 101 |
| 2-Butanone (MEK) | 10.70 | 10.30 | 96 |
| cis-1,2-Dichloroethene | 10.70 | 9.82 | 92 |
| Hexane | 10.80 | 11.49 | 106 |
| Chloroform | 10.70 | 10.69 | 100 |
| Ethyl Acetate | 10.70 | 10.78 | 101 |
| Tetrahydrofuran | 10.40 | 9.42 | 91 |
| 1,2-Dichloroethane | 10.60 | 9.94 | 94 |
| 1,1,1-Trichloroethane | 10.50 | 9.67 | 92 |
| Benzene | 10.70 | 9.38 | 88 |
| Carbon Tetrachloride | 10.30 | 8.90 | 86 |
| Cyclohexane | 10.50 | 10.27 | 98 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.11 | 94 |
| Bromodichloromethane | 10.50 | 9.04 | 86 |
| 1,4-Dioxane | 10.50 | 8.89 | 85 |
| Trichloroethene (TCE) | 10.50 | 8.92 | 85 |
| 2,2,4-Trimethylpentane | 10.10 | 9.82 | 97 |
| Methyl Methacrylate | 11.00 | 9.64 | 88 |
| Heptane | 10.50 | 10.71 | 102 |
| cis-1,3-Dichloropropene | 10.50 | 9.23 | 88 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 9.27 | 88 |
| trans-1,3-Dichloropropene | 10.60 | 8.05 | 76 |
| 1,1,2-Trichloroethane | 10.60 | 10.01 | 94 |
| Toluene | 10.80 | 9.50 | 88 |
| 2-Hexanone (MBK) | 10.50 | 9.51 | 91 |
| Dibromochloromethane | 10.60 | 9.31 | 88 |
| 1,2-Dibromoethane | 10.60 | 9.43 | 89 |
| Tetrachloroethene (PCE) | 10.50 | 9.42 | 90 |
| Chlorobenzene | 10.80 | 10.19 | 94 |
| Ethylbenzene | 10.60 | 9.31 | 88 |
| m & p-Xylene | 21.20 | 17.84 | 84 |
| Bromoform | 10.60 | 8.80 | 83 |
| Styrene | 10.60 | 9.81 | 93 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.91 | 93 |
| o-Xylene | 10.60 | 9.26 | 87 |
| 1,2,3-Trichloropropane | 11.00 | 10.16 | 92 |
| Isopropylbenzene (Cumene) | 10.40 | 10.45 | 100 |
| α-Pinene | 10.80 | 9.68 | 90 |
| 2-Chlorotoluene | 10.30 | 9.68 | 94 |
| n-Propylbenzene | 10.10 | 9.56 | 95 |
| 4-Ethyltoluene | 10.40 | 9.23 | 89 |
| 1,3,5-Trimethylbenzene | 10.30 | 9.14 | 89 |
| β-Pinene LR | 10.90 | 0.87 | 8 |
| 1,2,4-Trimethylbenzene | 10.30 | 9.53 | 93 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 8.30 | 81 |
| 1,3-Dichlorobenzene | 10.30 | 8.83 | 86 |
| 1,4-Dichlorobenzene | 10.20 | 9.20 | 90 |
| Sec-ButylBenzene | 10.00 | 8.95 | 90 |
| 1,2-Dichlorobenzene | 10.40 | 9.02 | 87 |
| n-ButylBenzene | 10.20 | 9.71 | 95 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 9.07 | 90 |
| 1,2,4-Trichlorobenzene | 10.50 | 9.68 | 92 |
| Naphthalene | 10.90 | 10.61 | 97 |
| Hexachlorobutadiene | 10.80 | 11.17 | 103 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

LR - Recovery for this compound was low. Results should be considered estimated.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/06/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-010825-01**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.44 | 9.27 | 100 | 99 | 1.8 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 11.14 | 11.14 | 106 | 106 | 0.0 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 10.95 | 10.89 | 105 | 105 | 0.5 |
| Benzene | 0.0 | 10.70 | 9.38 | 9.50 | 88 | 89 | 1.3 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 8.92 | 9.24 | 85 | 88 | 3.5 |
| Toluene | 0.0 | 10.80 | 9.50 | 9.61 | 88 | 89 | 1.2 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 9.42 | 9.97 | 90 | 95 | 5.7 |
| Chlorobenzene | 0.0 | 10.80 | 10.19 | 10.05 | 94 | 93 | 1.4 |
| Ethylbenzene | 0.0 | 10.60 | 9.31 | 9.37 | 88 | 88 | 0.6 |
| m & p-Xylene | 0.0 | 21.20 | 17.84 | 17.63 | 84 | 83 | 1.2 |
| o-Xylene | 0.0 | 10.60 | 9.26 | 9.00 | 87 | 85 | 2.8 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/06/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 030625* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 0% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 0.5 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 0.5 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 030625* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/06/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: TO15 CCV

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.44 | 9.27 | 1.8 |
| Chlorodifluoromethane | 11.6 | 10.0 | 14.8 |
| Propene | 13.5 | 12.6 | 7.1 |
| Dichlorodifluoromethane | 10.4 | 8.35 | 22.2 |
| Dimethyl Ether | 11.9 | 11.2 | 6.6 |
| Chloromethane | 11.6 | 10.2 | 12.5 |
| Dichlorotetrafluoroethane | 11.1 | 9.76 | 12.8 |
| Vinyl Chloride | 11.3 | 9.94 | 13.2 |
| Acetaldehyde | 19.2 | 19.0 | 1.0 |
| Methanol | 18.0 | 19.1 | 6.1 |
| 1,3-Butadiene | 12.2 | 10.7 | 13.0 |
| Bromomethane | 10.9 | 10.4 | 5.0 |
| Chloroethane | 11.5 | 11.4 | 0.5 |
| Dichlorofluoromethane | 10.8 | 10.5 | 2.6 |
| Ethanol | 9.25 | 9.78 | 5.6 |
| Vinyl Bromide | 9.53 | 9.27 | 2.8 |
| Acrolein | 10.8 | 10.8 | 0.5 |
| Acetone | 9.78 | 10.6 | 7.7 |
| Trichlorofluoromethane | 10.1 | 10.2 | 1.3 |
| 2-Propanol (IPA) | 10.0 | 11.3 | 11.7 |
| Acrylonitrile | 10.7 | 11.4 | 6.2 |
| 1,1-Dichloroethene | 11.1 | 11.1 | 0.0 |
| Methylene Chloride (DCM) | 11.0 | 10.9 | 0.5 |
| TertButanol (TBA) | 9.53 | 9.36 | 1.8 |
| Allyl Chloride | 10.8 | 13.0 | 18.4 |
| Carbon Disulfide | 9.48 | 9.71 | 2.4 |
| Trichlorotrifluoroethane | 12.8 | 13.1 | 2.5 |
| trans-1,2-Dichloroethene | 9.91 | 10.9 | 9.3 |
| 1,1-Dichloroethane | 11.5 | 13.0 | 12.8 |
| Methyl Tert Butyl Ether (MTBE) | 10.7 | 12.3 | 13.3 |
| Vinyl Acetate | 11.1 | 13.1 | 15.9 |
| 2-Butanone (MEK) | 10.3 | 12.8 | 21.5 |
| cis-1,2-Dichloroethene | 9.82 | 10.8 | 9.7 |
| Hexane | 11.5 | 12.0 | 4.5 |
| Chloroform | 10.7 | 11.7 | 8.6 |
| Ethyl Acetate | 10.8 | 11.8 | 8.7 |
| Tetrahydrofuran | 9.42 | 12.9 | 31.3 |
| 1,2-Dichloroethane | 9.94 | 12.5 | 22.7 |
| 1,1,1-Trichloroethane | 9.67 | 10.9 | 12.3 |
| Benzene | 9.38 | 9.50 | 1.3 |
| Carbon Tetrachloride | 8.90 | 8.90 | 0.0 |
| Cyclohexane | 10.3 | 9.76 | 5.1 |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.1 | 10.0 | 0.7 |
| Bromodichloromethane | 9.04 | 9.27 | 2.5 |
| 1,4-Dioxane | 8.89 | 9.67 | 8.4 |
| Trichloroethene (TCE) | 8.92 | 9.24 | 3.5 |
| 2,2,4-Trimethylpentane | 9.82 | 9.58 | 2.5 |
| Methyl Methacrylate | 9.64 | 10.1 | 4.6 |
| Heptane | 10.7 | 10.5 | 2.1 |
| cis-1,3-Dichloropropene | 9.23 | 8.93 | 3.3 |
| 4-Methyl-2-pentanone (MiBK) | 9.27 | 9.44 | 1.8 |
| trans-1,3-Dichloropropene | 8.05 | 7.80 | 3.2 |
| 1,1,2-Trichloroethane | 10.0 | 10.6 | 5.9 |
| Toluene | 9.50 | 9.61 | 1.2 |
| 2-Hexanone (MBK) | 9.51 | 9.49 | 0.2 |
| Dibromochloromethane | 9.31 | 9.70 | 4.1 |
| 1,2-Dibromoethane | 9.43 | 9.75 | 3.3 |
| Tetrachloroethene (PCE) | 9.42 | 9.97 | 5.7 |
| Chlorobenzene | 10.2 | 10.1 | 1.4 |
| Ethylbenzene | 9.31 | 9.37 | 0.6 |
| m & p-Xylene | 17.8 | 17.6 | 1.2 |
| Bromoform | 8.80 | 8.37 | 5.0 |
| Styrene | 9.81 | 9.66 | 1.5 |
| 1,1,2,2-Tetrachloroethane | 9.91 | 9.63 | 2.9 |
| o-Xylene | 9.26 | 9.00 | 2.8 |
| 1,2,3-Trichloropropane | 10.2 | 9.81 | 3.5 |
| Isopropylbenzene (Cumene) | 10.5 | 9.61 | 8.4 |
| α-Pinene | 9.68 | 9.15 | 5.6 |
| 2-Chlorotoluene | 9.68 | 9.47 | 2.2 |
| n-Propylbenzene | 9.56 | 9.34 | 2.3 |
| 4-Ethyltoluene | 9.23 | 9.22 | 0.1 |
| 1,3,5-Trimethylbenzene | 9.14 | 9.04 | 1.1 |
| β-Pinene | 0.87 | 1.04 | 17.8 |
| 1,2,4-Trimethylbenzene | 9.53 | 9.65 | 1.3 |
| Benzyl Chloride (a-Chlorotoluene) | 8.30 | 8.75 | 5.3 |
| 1,3-Dichlorobenzene | 8.83 | 8.86 | 0.3 |
| 1,4-Dichlorobenzene | 9.20 | 9.18 | 0.2 |
| Sec-ButylBenzene | 8.95 | 8.94 | 0.1 |
| 1,2-Dichlorobenzene | 9.02 | 9.07 | 0.6 |
| n-ButylBenzene | 9.71 | 9.86 | 1.5 |
| 1,2-Dibromo-3-Chloropropane | 9.07 | 9.24 | 1.9 |
| 1,2,4-Trichlorobenzene | 9.68 | 9.53 | 1.6 |
| Naphthalene | 10.6 | 10.8 | 1.8 |
| Hexachlorobutadiene | 11.2 | 11.0 | 1.3 |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250515

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72036 | 03/03/25 | 8:59 | summa 1 | X | | | | |
| MS-07 | 72037 | | 11:12 | | X | | | | |
| MS-08 | 72038 | | 11:58 | | X | | | | |
| MS-09 | 72039 | | 12:09 | | X | | | | |
| MS-10 | 72040 | | 9:06 | | X | | | | |
| MS-11 | 72041 | | 8:22 | | X | | | | |
| MS-12 | 72042 | | 11:48 | | X | | | | |
| SCV | 72043 | | 7:50 | | X | | | | |
| Chiquito Cyn Rd | 72044 | | 11:32 | | X | | | | |
| S. End Lincoln | 72045 | ↓ | 11:40 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature
Thermometer ID
Initials
Received Chilled
Total cans
Pressured cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** 3/3/25 **Time** 1312 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

25515

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72046 | 03/03/25 | 10:00 | summa 1 | X | | | | |
| MS-02 | 72047 | | 10:45 | | X | | | | |
| MS-03 | 72048 | | 9:09 | | X | | | | |
| MS-04 | 72049 | | 10:22 | | X | | | | |
| MS-05 | 72050 | | 9:41 | | X | | | | |
| Working Face | 72051 | ↓ | 10:31 | | X | | | | |
| Reaction | 72052 | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature
Thermometer ID
Initials
Received Cont.
Total Cans
Unused Cans
Flow Controller

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** 3/3/25 **Time** 1312 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250515

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature: Aw

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72053 | 03/03/25 | 9:59 | tedlar 1 | ✓ | | | | |
| MS-07 | 72054 | | 11:12 | | ✓ | | | | |
| MS-08 | 72055 | | 11:58 | | ✓ | | | | |
| MS-09 | 72056 | | 12:09 | | ✓ | | | | |
| MS-10 | 72057 | | 8:00 | | ✓ | | | | |
| MS-11 | 72058 | | 8:22 | | ✓ | | | | |
| MS-12 | 72059 | | 11:48 | | ✓ | | | | |
| SCV | 72060 | | 7:50 | | ✓ | | | | |
| Chiquito Cyn Rd | 72061 | | 11:32 | | ✓ | | | | |
| S. End Lincoln | 72062 | ↓ | 11:40 | | ✓ | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Received Chilled:
Total Containers:
Unused Containers:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: Aw | **Date** **Time** | **Received By** Print: Signature: | **Date** 3/3/25 **Time** 1312 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250515

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72063 | 03/03/25 | 10:00 | tedlar 1 | X | | | | |
| MS-02 | 72064 | | 10:45 | | X | | | | |
| MS-03 | 72065 | | 9:08 | | X | | | | |
| MS-04 | 72066 | | 10:22 | | X | | | | |
| MS-05 | 72067 | | 9:41 | | X | | | | |
| Working Face | 72068 | | 10:31 | | X | | | | |
| Reaction | 72069 | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**

| Lab ID | Sample Received via: ☐ FedEx ☐ UPS ☐ Courier ☐ Other |
|---|---|
| | Temperature: °C |
| | Thermometer ID: |
| | Initials: |
| | Received Cont.: |
| | Total cans: |
| | Unused cans: |
| | Flow Controller: |

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | Date / Time | **Received By** Print: Signature: | Date 3/3/25 Time 1312 |
| **Relinquished By** Print: Signature: | Date / Time | **Received By** Print: Signature: | Date / Time |

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita |
| PROJECT NUMBER | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250515 |
| REPORT DATE | : 03/05/2025 |

On March 3rd 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250515-72053 | S. End Lincoln | 250515-72062 |
| MS-07 | 250515-72054 | MS-01 | 250515-72063 |
| MS-08 | 250515-72055 | MS-02 | 250515-72064 |
| MS-09 | 250515-72056 | MS-03 | 250515-72065 |
| MS-10 | 250515-72057 | MS-04 | 250515-72066 |
| MS-11 | 250515-72058 | MS-05 | 250515-72067 |
| MS-12 | 250515-72059 | Working Face | 250515-72068 |
| SCV | 250515-72060 | Reaction | 250515-72069 |
| Chiquito Cyn Rd | 250515-72061 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 14 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250515**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/03/2025**
**RECEIVING DATE : 03/03/2025**
**ANALYSIS DATE : 03/03-04/2025**
**REPORT DATE : 03/05/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250515-72053 | 250515-72054 | 250515-72055 | 250515-72056 | 250515-72057 | 250515-72058 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250515**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/03/2025**
**RECEIVING DATE : 03/03/2025**
**ANALYSIS DATE : 03/03-04/2025**
**REPORT DATE : 03/05/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250515-72059 | 250515-72060 | 250515-72061 | 250515-72062 | 250515-72063 | 250515-72064 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250515**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/03/2025**
**RECEIVING DATE : 03/03/2025**
**ANALYSIS DATE : 03/03/2025**
**REPORT DATE : 03/05/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250515-72065 | 250515-72066 | 250515-72067 | 250515-72068 | 250515-72069 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/3/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21602 | 485 | 98.3 | 2.3 |
| Duplicate | 22359 | 502 | 101.7 | 1.1 |
| Triplicate | 22405 | 503 | 101.9 | 1.3 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19922 | 519 | 102.2 | 0.8 |
| Duplicate | 19404 | 505 | 99.5 | 1.8 |
| Triplicate | 19968 | 520 | 102.4 | 1.0 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22607 | 501 | 104.2 | 0.1 |
| Duplicate | 22466 | 498 | 103.6 | 0.5 |
| Triplicate | 22659 | 502 | 104.5 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 266.7 | 258.2 | 108.0 | 104.5 | 3.2 |
| MeSH | <PQL | 253.8 | 266.8 | 272.8 | 105.2 | 107.5 | 2.2 |
| DMS | <PQL | 240.3 | 259.4 | 260.2 | 108.0 | 108.3 | 0.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 448.7 | 90.8 |
| MeSH | 507.5 | 487.5 | 96.1 |
| DMS | 480.5 | 510.1 | 106.2 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result,*
*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/3/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8097 | 0.514 | 104.1 | 1.6 |
| Duplicate | 7835 | 0.498 | 100.7 | 1.7 |
| Triplicate | 7988 | 0.507 | 102.7 | 0.2 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7523 | 0.515 | 101.5 | 0.7 |
| Duplicate | 7595 | 0.520 | 102.5 | 0.3 |
| Triplicate | 7604 | 0.521 | 102.6 | 0.4 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8092 | 0.492 | 102.4 | 0.6 |
| Duplicate | 8228 | 0.500 | 104.1 | 1.0 |
| Triplicate | 8111 | 0.493 | 102.7 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.249 | 0.249 | 100.8 | 100.8 | 0.0 |
| MeSH | <PQL | 0.254 | 0.245 | 0.246 | 96.6 | 96.9 | 0.4 |
| DMS | <PQL | 0.240 | 0.257 | 0.255 | 107.0 | 106.1 | 0.8 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.516 | 104.5 |
| MeSH | 0.508 | 0.548 | 108.0 |
| DMS | 0.481 | 0.524 | 109.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/4/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21706 | 488 | 98.7 | 2.0 |
| Duplicate | 22774 | 512 | 103.6 | 2.8 |
| Triplicate | 21968 | 494 | 99.9 | 0.8 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19690 | 512 | 101.0 | 2.2 |
| Duplicate | 20401 | 531 | 104.6 | 1.4 |
| Triplicate | 20278 | 528 | 104.0 | 0.8 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22583 | 500 | 104.1 | 0.2 |
| Duplicate | 22681 | 502 | 104.6 | 0.7 |
| Triplicate | 22331 | 495 | 102.9 | 0.9 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250515-72055**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250515-72055 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 266.9 | 268.4 | 108.1 | 108.7 | 0.6 |
| MeSH | <PQL | 253.8 | 273.1 | 277.2 | 107.6 | 109.2 | 1.5 |
| DMS | <PQL | 240.3 | 263.5 | 264.2 | 109.7 | 110.0 | 0.2 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 457.2 | 92.6 |
| MeSH | 507.5 | 495.5 | 97.6 |
| DMS | 480.5 | 486.5 | 101.3 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/4/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8136 | 0.517 | 104.6 | 5.0 |
| Duplicate | 7500 | 0.476 | 96.4 | 3.2 |
| Triplicate | 7616 | 0.484 | 97.9 | 1.7 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7731 | 0.529 | 104.3 | 4.8 |
| Duplicate | 7121 | 0.488 | 96.1 | 3.4 |
| Triplicate | 7269 | 0.498 | 98.1 | 1.4 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8174 | 0.497 | 103.5 | 4.0 |
| Duplicate | 7780 | 0.473 | 98.5 | 1.0 |
| Triplicate | 7616 | 0.463 | 96.4 | 3.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID : 250515-72056**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250515-72056 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.239 | 0.231 | 96.8 | 93.5 | 3.4 |
| MeSH | <PQL | 0.254 | 0.230 | 0.230 | 90.6 | 90.6 | 0.0 |
| DMS | <PQL | 0.240 | 0.231 | 0.234 | 96.1 | 97.4 | 1.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.498 | 100.8 |
| MeSH | 0.508 | 0.492 | 96.9 |
| DMS | 0.481 | 0.473 | 98.4 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250515

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR |
|---|---|---|---|---|---|
| MS-06 | 72053 | 03/03/25 | 8:59 | tedlar 1 | ✓ |
| MS-07 | 72054 | | 11:12 | | ✓ |
| MS-08 | 72055 | | 11:58 | | ✓ |
| MS-09 | 72056 | | 12:09 | | ✓ |
| MS-10 | 72057 | | 8:00 | | ✓ |
| MS-11 | 72058 | | 8:22 | | ✓ |
| MS-12 | 72059 | | 11:48 | | ✓ |
| SCV | 72060 | | 7:50 | | ✓ |
| Chiquito Cyn Rd | 72061 | | 11:32 | | ✓ |
| S. End Lincoln | 72062 | ↓ | 11:40 | | ✓ |
| | | | | | |
| | | | | | |

**LAB USE ONLY**

Lab ID

Sample Received via:
- ☐ FedEx
- ☐ UPS
- ☐ Courier
- ☐ Other

Temperature: °C

Thermometer ID:

Initials:

Returned Chmt

Total cans:

Unused cans:

Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
- ☐ Yes
- ☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | Date / Time | **Received By** Print: Signature: | Date 3/3/25 Time 1312 |
| **Relinquished By** Print: Signature: | Date / Time | **Received By** Print: Signature: | Date / Time |

250515

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR |
|---|---|---|---|---|---|
| MS-01 | 72063 | 03/03/25 | 10:00 | tedlar 1 | ✓ |
| MS-02 | 72064 | | 10:45 | | ✓ |
| MS-03 | 72065 | | 9:09 | | ✓ |
| MS-04 | 72066 | | 10:22 | | ✓ |
| MS-05 | 72067 | | 9:41 | | ✓ |
| Working Face | 72068 | | 10:31 | | ✓ |
| Reaction | 72069 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature °C
Thermometer ID
Initials
Returned Cont.
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | Date / Time | **Received By** Print: Signature: | Date 3/3/25 Time 1312 |
| **Relinquished By** Print: Signature: | Date / Time | **Received By** Print: Signature: | Date / Time |

250515

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72036 | 03/03/25 | 8:59 | summa 1 | X | | | | |
| MS-07 | 72037 | | 11:12 | | X | | | | |
| MS-08 | 72038 | | 11:57 | | X | | | | |
| MS-09 | 72039 | | 12:09 | | X | | | | |
| MS-10 | 72040 | | 9:06 | | X | | | | |
| MS-11 | 72041 | | 8:22 | | X | | | | |
| MS-12 | 72042 | | 11:48 | | X | | | | |
| SCV | 72043 | | 7:50 | | X | | | | |
| Chiquito Cyn Rd | 72044 | | 11:32 | | X | | | | |
| S. End Lincoln | 72045 | ↓ | 11:40 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Returned Equip.
Total cans
Unused cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Aidan Wells Signature: | Date / Time | **Received By** Print: Signature: | Date 3/3/25 Time 1312 |
| **Relinquished By** Print: Signature: | Date / Time | **Received By** Print: Signature: | Date / Time |

25515

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Aidan Wells
Signature:

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72046 | 03/03/25 | 10:00 | summa 1 | X | | | | |
| MS-02 | 72047 | ↓ | 10:45 | | X | | | | |
| MS-03 | 72048 | | 9:09 | | X | | | | |
| MS-04 | 72049 | | 10:22 | | X | | | | |
| MS-05 | 72050 | | 9:41 | | X | | | | |
| Working Face | 72051 | ↓ | 10:31 | | X | | | | |
| Reaction | 72052 | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Equip.
Total cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Aidan Wells | | Print: | 3/3/25 |
| Signature: | Time | Signature: | Time 1312 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |

# Atmospheric Analysis & Consulting, Inc.

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita ON/OFF |
| PROJECT NO. | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250583 |
| REPORT DATE | : 03/13/2025 |

On March 10, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250583-72394 | 756.5 | S. End Lincoln | 250583-72403 | 721.5 |
| MS-07 | 250583-72395 | 727.0 | MS-01 | 250583-72404 | 736.5 |
| MS-08 | 250583-72396 | 718.0 | MS-02 | 250583-72405 | 730.0 |
| MS-09 | 250583-72397 | 715.5 | MS-03 | 250583-72406 | 763.0 |
| MS-10 | 250583-72398 | 763.5 | MS-04 | 250583-72407 | 734.0 |
| MS-11 | 250583-72399 | 744.5 | MS-05 | 250583-72408 | 737.5 |
| MS-12 | 250583-72400 | 719.0 | Working Face | 250583-72409 | 750.5 |
| SCV | 250583-72401 | 757.0 | Reaction | 250583-72410 | 726.0 |
| Chiquito Cyn Rd | 250583-72402 | 715.0 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72394 | | | | 250583-72395 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.36 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.78 | <SRL | U | 1 | 7.01 | 5.00 |
| Methanol | <SRL | U | 1 | 6.78 | <SRL | U | 1 | 7.01 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | 3.78 | | 1 | 2.71 | <SRL | U | 1 | 2.80 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | 24.8 | | 1 | 2.71 | 4.86 | | 1 | 2.80 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.71 | <SRL | U | 1 | 2.80 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.71 | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | 1.21 | | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72394 | | | | 250583-72395 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.36 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | 0.83 | | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.71 | <SRL | U | 1 | 2.80 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.36 | <SRL | U | 1 | 1.40 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 6.78 | <SRL | U | 1 | 7.01 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.71 | <SRL | U | 1 | 2.80 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.68 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72396 | | | | 250583-72397 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 7.09 | 5.00 |
| Methanol | <SRL | U | 1 | 7.08 | 11.0 | | 1 | 7.09 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | 3.43 | | 1 | 2.83 | 6.21 | | 1 | 2.84 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | 4.32 | | 1 | 2.83 | 4.01 | | 1 | 2.84 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.84 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72396 | | | | 250583-72397 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.84 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.42 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 7.09 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.84 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 90% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72398 | | | | 250583-72399 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.33 | | | | 1.36 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Propene | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.66 | <SRL | U | 1 | 6.82 | 5.00 |
| Methanol | <SRL | U | 1 | 6.66 | <SRL | U | 1 | 6.82 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethanol | 3.89 | | 1 | 2.66 | 3.05 | | 1 | 2.73 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| Acetone | 30.9 | | 1 | 2.66 | 2.96 | | 1 | 2.73 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.66 | <SRL | U | 1 | 2.73 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.66 | <SRL | U | 1 | 2.73 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Hexane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72398 | | | | 250583-72399 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.33 | | | | 1.36 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Heptane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Toluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.66 | <SRL | U | 1 | 2.73 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Styrene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.33 | <SRL | U | 1 | 1.36 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| β-Pinene | <SRL | U | 1 | 6.66 | <SRL | U | 1 | 6.82 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.66 | <SRL | U | 1 | 2.73 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.68 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72400 | | | | 250583-72401 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.36 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 6.79 | 5.00 |
| Methanol | <SRL | U | 1 | 7.08 | 10.3 | | 1 | 6.79 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethanol | 4.13 | | 1 | 2.83 | 5.06 | | 1 | 2.71 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| Acetone | 8.38 | | 1 | 2.83 | 41.8 | | 1 | 2.71 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.71 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.71 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72400 | | | | 250583-72401 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.36 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.71 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.36 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| ß-Pinene | <SRL | U | 1 | 7.08 | <SRL | U | 1 | 6.79 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.83 | <SRL | U | 1 | 2.71 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.68 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72402 | | | | 250583-72403 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.12 | <SRL | U | 1 | 7.05 | 5.00 |
| Methanol | <SRL | U | 1 | 7.12 | <SRL | U | 1 | 7.05 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | 3.62 | | 1 | 2.85 | 4.48 | | 1 | 2.82 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72402 | | | | 250583-72403 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.42 | <SRL | U | 1 | 1.41 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.12 | <SRL | U | 1 | 7.05 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72404 | | | | 250583-72405 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.92 | <SRL | U | 1 | 6.99 | 5.00 |
| Methanol | <SRL | U | 1 | 6.92 | 8.27 | | 1 | 6.99 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.79 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | 4.72 | | 1 | 2.77 | 3.30 | | 1 | 2.79 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.79 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.79 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72404 | | | | 250583-72405 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.79 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.40 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 6.92 | <SRL | U | 1 | 6.99 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.77 | <SRL | U | 1 | 2.79 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 92% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72406 | | | | 250583-72407 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.34 | | | | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Propene | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.38 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.67 | 0.91 | | 1 | 0.69 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.68 | <SRL | U | 1 | 6.91 | 5.00 |
| Methanol | <SRL | U | 1 | 6.68 | <SRL | U | 1 | 6.91 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethanol | 2.98 | | 1 | 2.67 | <SRL | U | 1 | 2.77 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.38 | 1.00 |
| Acetone | 5.56 | | 1 | 2.67 | 6.40 | | 1 | 2.77 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.67 | <SRL | U | 1 | 2.77 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.38 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.38 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.38 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.67 | <SRL | U | 1 | 2.77 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.34 | 1.47 | | 1 | 1.38 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Hexane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.67 | 1.29 | | 1 | 0.69 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzene | <SRL | U | 1 | 0.67 | 1.02 | | 1 | 0.69 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72406 | | | | 250583-72407 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.34 | | | | 1.38 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.38 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Heptane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.38 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Toluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.67 | <SRL | U | 1 | 2.77 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.38 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Styrene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.34 | <SRL | U | 1 | 1.38 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| β-Pinene | <SRL | U | 1 | 6.68 | <SRL | U | 1 | 6.91 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.67 | <SRL | U | 1 | 2.77 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.67 | <SRL | U | 1 | 0.69 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72408 | | | | 250583-72409 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.36 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Propene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 6.90 | <SRL | U | 1 | 6.78 | 5.00 |
| Methanol | <SRL | U | 1 | 6.90 | <SRL | U | 1 | 6.78 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.71 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| Acetone | 5.77 | | 1 | 2.76 | 6.23 | | 1 | 2.71 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.71 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.71 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Hexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250583-72408 | | | | 250583-72409 | | | | |
| *Date Sampled* | 03/10/2025 | | | | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.38 | | | | 1.36 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Heptane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Toluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.71 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Styrene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.38 | <SRL | U | 1 | 1.36 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| β-Pinene | <SRL | U | 1 | 6.90 | <SRL | U | 1 | 6.78 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.76 | <SRL | U | 1 | 2.71 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.69 | <SRL | U | 1 | 0.68 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 96% | | | | 94% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250583-72410 | | | | |
| *Date Sampled* | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.00 | 5.00 |
| Methanol | 11.9 | | 1 | 7.00 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | 7.27 | | 1 | 2.80 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | 1.00 |
| Acetone | 5.01 | | 1 | 2.80 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.80 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.80 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250583
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/10/2025
DATE REPORTED : 03/13/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250583-72410 | | | | |
| *Date Sampled* | 03/10/2025 | | | | |
| *Date Analyzed* | 03/12/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | 0.80 | | 1 | 0.70 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.40 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.80 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.40 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.00 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.80 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250583**
**MATRIX : AIR**

**DATE RECEIVED : 03/10/2025**
**DATE REPORTED : 03/13/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250583-72394 | 03/10/2025 | 03/12/2025 | <SRL | 1.36 | 1.0 | 94% |
| MS-07 | 250583-72395 | 03/10/2025 | 03/12/2025 | <SRL | 1.40 | 1.0 | 98% |
| MS-08 | 250583-72396 | 03/10/2025 | 03/12/2025 | <SRL | 1.42 | 1.0 | 90% |
| MS-09 | 250583-72397 | 03/10/2025 | 03/12/2025 | <SRL | 1.42 | 1.0 | 96% |
| MS-10 | 250583-72398 | 03/10/2025 | 03/12/2025 | <SRL | 1.33 | 1.0 | 96% |
| MS-11 | 250583-72399 | 03/10/2025 | 03/12/2025 | <SRL | 1.36 | 1.0 | 96% |
| MS-12 | 250583-72400 | 03/10/2025 | 03/12/2025 | <SRL | 1.42 | 1.0 | 95% |
| SCV | 250583-72401 | 03/10/2025 | 03/12/2025 | <SRL | 1.36 | 1.0 | 95% |
| Chiquito Cyn Rd | 250583-72402 | 03/10/2025 | 03/12/2025 | <SRL | 1.42 | 1.0 | 95% |
| S. End Lincoln | 250583-72403 | 03/10/2025 | 03/12/2025 | <SRL | 1.41 | 1.0 | 95% |
| MS-01 | 250583-72404 | 03/10/2025 | 03/12/2025 | <SRL | 1.38 | 1.0 | 94% |
| MS-02 | 250583-72405 | 03/10/2025 | 03/12/2025 | <SRL | 1.40 | 1.0 | 92% |
| MS-03 | 250583-72406 | 03/10/2025 | 03/12/2025 | <SRL | 1.34 | 1.0 | 95% |
| MS-04 | 250583-72407 | 03/10/2025 | 03/12/2025 | <SRL | 1.38 | 1.0 | 96% |
| MS-05 | 250583-72408 | 03/10/2025 | 03/12/2025 | <SRL | 1.38 | 1.0 | 96% |
| Working Face | 250583-72409 | 03/10/2025 | 03/12/2025 | <SRL | 1.36 | 1.0 | 94% |
| Reaction | 250583-72410 | 03/10/2025 | 03/12/2025 | <SRL | 1.40 | 1.0 | 101% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250583**
**MATRIX : AIR**

**DATE RECEIVED : 03/10/2025**
**DATE REPORTED : 03/13/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250583-72394 | 03/10/2025 | 03/12/2025 | <SRL | 1.36 | 1.0 | 94% |
| MS-07 | 250583-72395 | 03/10/2025 | 03/12/2025 | <SRL | 1.40 | 1.0 | 98% |
| MS-08 | 250583-72396 | 03/10/2025 | 03/12/2025 | <SRL | 1.42 | 1.0 | 90% |
| MS-09 | 250583-72397 | 03/10/2025 | 03/12/2025 | <SRL | 1.42 | 1.0 | 96% |
| MS-10 | 250583-72398 | 03/10/2025 | 03/12/2025 | <SRL | 1.33 | 1.0 | 96% |
| MS-11 | 250583-72399 | 03/10/2025 | 03/12/2025 | <SRL | 1.36 | 1.0 | 96% |
| MS-12 | 250583-72400 | 03/10/2025 | 03/12/2025 | <SRL | 1.42 | 1.0 | 95% |
| SCV | 250583-72401 | 03/10/2025 | 03/12/2025 | <SRL | 1.36 | 1.0 | 95% |
| Chiquito Cyn Rd | 250583-72402 | 03/10/2025 | 03/12/2025 | <SRL | 1.42 | 1.0 | 95% |
| S. End Lincoln | 250583-72403 | 03/10/2025 | 03/12/2025 | <SRL | 1.41 | 1.0 | 95% |
| MS-01 | 250583-72404 | 03/10/2025 | 03/12/2025 | <SRL | 1.38 | 1.0 | 94% |
| MS-02 | 250583-72405 | 03/10/2025 | 03/12/2025 | <SRL | 1.40 | 1.0 | 92% |
| MS-03 | 250583-72406 | 03/10/2025 | 03/12/2025 | <SRL | 1.34 | 1.0 | 95% |
| MS-04 | 250583-72407 | 03/10/2025 | 03/12/2025 | <SRL | 1.38 | 1.0 | 96% |
| MS-05 | 250583-72408 | 03/10/2025 | 03/12/2025 | <SRL | 1.38 | 1.0 | 96% |
| Working Face | 250583-72409 | 03/10/2025 | 03/12/2025 | <SRL | 1.36 | 1.0 | 94% |
| Reaction | 250583-72410 | 03/10/2025 | 03/12/2025 | <SRL | 1.40 | 1.0 | 101% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/12/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-031025-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 03/10/2025 Calibration

| *Analyte Compounds* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.33 | 99 |
| Chlorodifluoromethane | 10.20 | 9.55 | 94 |
| Propene | 10.70 | 9.90 | 93 |
| Dichlorodifluoromethane | 10.40 | 11.37 | 109 |
| Dimethyl Ether | 10.10 | 10.10 | 100 |
| Chloromethane | 10.50 | 10.17 | 97 |
| Dichlorotetrafluoroethane | 10.20 | 10.38 | 102 |
| Vinyl Chloride | 10.60 | 10.69 | 101 |
| Acetaldehyde | 20.90 | 19.87 | 95 |
| Methanol | 20.40 | 18.41 | 90 |
| 1,3-Butadiene | 10.70 | 10.16 | 95 |
| Bromomethane | 10.40 | 10.38 | 100 |
| Chloroethane | 10.40 | 9.89 | 95 |
| Dichlorofluoromethane | 10.10 | 9.99 | 99 |
| Ethanol | 11.40 | 10.25 | 90 |
| Vinyl Bromide | 10.10 | 9.98 | 99 |
| Acrolein | 10.90 | 11.49 | 105 |
| Acetone | 10.60 | 10.49 | 99 |
| Trichlorofluoromethane | 10.50 | 10.25 | 98 |
| 2-Propanol (IPA) | 11.00 | 10.09 | 92 |
| Acrylonitrile | 11.10 | 10.47 | 94 |
| 1,1-Dichloroethene | 10.50 | 10.24 | 98 |
| Methylene Chloride (DCM) | 10.40 | 10.08 | 97 |
| TertButanol (TBA) | 11.20 | 12.36 | 110 |
| Allyl Chloride | 10.20 | 9.49 | 93 |
| Carbon Disulfide | 10.50 | 10.56 | 101 |
| Trichlorotrifluoroethane | 10.30 | 9.92 | 96 |
| trans-1,2-Dichloroethene | 10.80 | 10.76 | 100 |
| 1,1-Dichloroethane | 10.70 | 10.37 | 97 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.96 | 102 |
| Vinyl Acetate | 11.00 | 11.18 | 102 |
| 2-Butanone (MEK) | 10.70 | 11.30 | 106 |
| cis-1,2-Dichloroethene | 10.70 | 10.66 | 100 |
| Hexane | 10.80 | 9.80 | 91 |
| Chloroform | 10.70 | 10.48 | 98 |
| Ethyl Acetate | 10.70 | 10.49 | 98 |
| Tetrahydrofuran | 10.40 | 10.39 | 100 |
| 1,2-Dichloroethane | 10.60 | 10.75 | 101 |
| 1,1,1-Trichloroethane | 10.50 | 10.28 | 98 |
| Benzene | 10.70 | 10.52 | 98 |
| Carbon Tetrachloride | 10.30 | 10.30 | 100 |
| Cyclohexane | 10.50 | 10.10 | 96 |

| *Analyte Compounds (Continued)* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.87 | 102 |
| Bromodichloromethane | 10.50 | 10.84 | 103 |
| 1,4-Dioxane | 10.50 | 10.81 | 103 |
| Trichloroethene (TCE) | 10.50 | 10.15 | 97 |
| 2,2,4-Trimethylpentane | 10.10 | 9.86 | 98 |
| Methyl Methacrylate | 11.00 | 11.04 | 100 |
| Heptane | 10.50 | 10.33 | 98 |
| cis-1,3-Dichloropropene | 10.50 | 11.17 | 106 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 10.76 | 102 |
| trans-1,3-Dichloropropene | 10.60 | 11.21 | 106 |
| 1,1,2-Trichloroethane | 10.60 | 10.90 | 103 |
| Toluene | 10.80 | 10.84 | 100 |
| 2-Hexanone (MBK) | 10.50 | 11.96 | 114 |
| Dibromochloromethane | 10.60 | 10.94 | 103 |
| 1,2-Dibromoethane | 10.60 | 11.07 | 104 |
| Tetrachloroethene (PCE) | 10.50 | 10.34 | 98 |
| Chlorobenzene | 10.80 | 10.30 | 95 |
| Ethylbenzene | 10.60 | 10.34 | 98 |
| m & p-Xylene | 21.20 | 20.67 | 98 |
| Bromoform | 10.60 | 10.21 | 96 |
| Styrene | 10.60 | 10.39 | 98 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 10.14 | 96 |
| o-Xylene | 10.60 | 10.17 | 96 |
| 1,2,3-Trichloropropane | 11.00 | 10.74 | 98 |
| Isopropylbenzene (Cumene) | 10.40 | 10.35 | 100 |
| α-Pinene | 10.80 | 10.92 | 101 |
| 2-Chlorotoluene | 10.30 | 9.78 | 95 |
| n-Propylbenzene | 10.10 | 9.69 | 96 |
| 4-Ethyltoluene | 10.40 | 9.78 | 94 |
| 1,3,5-Trimethylbenzene | 10.30 | 9.71 | 94 |
| β-Pinene | 10.90 | 11.89 | 109 |
| 1,2,4-Trimethylbenzene | 10.30 | 9.88 | 96 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.65 | 94 |
| 1,3-Dichlorobenzene | 10.30 | 10.00 | 97 |
| 1,4-Dichlorobenzene | 10.20 | 10.21 | 100 |
| Sec-ButylBenzene | 10.00 | 9.93 | 99 |
| 1,2-Dichlorobenzene | 10.40 | 10.04 | 97 |
| n-ButylBenzene | 10.20 | 9.77 | 96 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 9.63 | 95 |
| 1,2,4-Trichlorobenzene | 10.50 | 10.26 | 98 |
| Naphthalene | 10.90 | 12.38 | 114 |
| Hexachlorobutadiene | 10.80 | 10.44 | 97 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/12/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-031025-01**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS [1] Recovery* | *LCSD [1] Recovery* | *LCS [1] % Recovery [2]* | *LCSD [1] % Recovery [2]* | *RPD [3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.33 | 9.40 | 99 | 100 | 0.7 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.24 | 9.84 | 98 | 94 | 4.0 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 10.08 | 10.39 | 97 | 100 | 3.0 |
| Benzene | 0.0 | 10.70 | 10.52 | 10.09 | 98 | 94 | 4.2 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.15 | 9.87 | 97 | 94 | 2.8 |
| Toluene | 0.0 | 10.80 | 10.84 | 10.12 | 100 | 94 | 6.9 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 10.34 | 9.88 | 98 | 94 | 4.5 |
| Chlorobenzene | 0.0 | 10.80 | 10.30 | 10.08 | 95 | 93 | 2.2 |
| Ethylbenzene | 0.0 | 10.60 | 10.34 | 10.07 | 98 | 95 | 2.6 |
| m & p-Xylene | 0.0 | 21.20 | 20.67 | 19.88 | 98 | 94 | 3.9 |
| o-Xylene | 0.0 | 10.60 | 10.17 | 9.84 | 96 | 93 | 3.3 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/12/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 031225* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 97% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 031225* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 1.0 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 5.0 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 2.0 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/12/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.4

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250583-72410

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.48 | 8.79 | 7.6 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene J | 0.92 | 0.88 | 4.7 |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | 11.9 | 11.6 | 2.9 |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 7.27 | 8.17 | 11.6 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 5.01 | 4.76 | 5.2 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | <SRL | <SRL | NA |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | 0.80 | 0.78 | 1.8 |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250583

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72394 | 3-10-25 | 857 | summa 1 | X | | | | |
| MS-07 | 72395 | ↓ | 1049 | | X | | | | |
| MS-08 | 72396 | | 1123 | | X | | | | |
| MS-09 | 72397 | | 1135 | | X | | | | |
| MS-10 | 72398 | | 803 | | X | | | | |
| MS-11 | 72399 | | 826 | | X | | | | |
| MS-12 | 72400 | | 1116 | | X | | | | |
| SCV | 72401 | | 751 | | X | | | | |
| Chiquito Cyn Rd | 72402 | | 1102 | | X | | | | |
| S. End Lincoln | 72403 | ↓ | 1110 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**

| Lab ID | Sample Received via: |
|---|---|
| | ☐ Fedex |
| | ☐ UPS |
| | ☐ Courier |
| | ☐ Direct |
| | Temperature: °C |
| | Thermometer ID: |
| | Initials: |
| | Returned Cont.: |
| | Total Containers: |
| | Unused Containers: |
| | Flow Controller: |

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 3-10-25 Time | **Received By** Print: Signature: | Date 3/10/25 Time 1306 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

17x cns

250583

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Downes
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72404 | 3-6-25 | 955 | summa 1 | X | | | | |
| MS-02 | 72405 | ↓ | 1035 | | X | | | | |
| MS-03 | 72406 | | 907 | | X | | | | |
| MS-04 | 72407 | | 1008 | | X | | | | |
| MS-05 | 72408 | | 939 | | X | | | | |
| Working Face | 72409 | | 925 | | X | | | | |
| Reaction | 72410 | | 1019 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Preserved (Yes/No):
Total Containers:
Time of Collection:
Flow Controller:
Lab ID:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel DOWNES Signature: ND | **Date** 3-10-25 **Time** | **Received By** Print: Signature: | **Date** 3/10/25 **Time** 1306 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

MN 250583

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

| | |
|---|---|
| **Client/Company Name** SCS ENGINEERS<br>**Project Manager Name** PAUL SCHAFER | **Project Name** CHIQUITA [ OFF ]<br>**Project Number** 01204123.21 TASK 22 |
| **Turnaround Time**<br>☐ Rush 24 h ☐ Same Day<br>☐ Rush 48 h ☐ 5 Days<br>☒ Rush 72 h ☐ Normal | **Sampler Name**<br>**Print:** Nathaniel Douglas<br>**Signature:** ND |

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72411 | 3-9-25 | 857 | tedlar 1 | X | | | | | |
| MS-07 | 72412 | | 1049 | | X | | | | | |
| MS-08 | 72413 | | 1123 | | X | | | | | |
| MS-09 | 72414 | | 1135 | | X | | | | | |
| MS-10 | 72415 | | 803 | | X | | | | | |
| MS-11 | 72416 | | 826 | | X | | | | | |
| MS-12 | 72417 | | 1116 | | X | | | | | |
| SCV | 72418 | | 751 | | X | | | | | |
| Chiquito Cyn Rd | 72419 | | 1102 | | X | | | | | |
| S. End Lincoln | 72420 | ↓ | 1110 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY:
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature: ____°C
Thermometer ID: ____
Initials: ____
Received Cont.: ____
Total Cans: ____
Unused Cans: ____
New Containers: ____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

LAB USE ONLY:
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Douglas Signature: ND | **Date** 3-10-25 **Time** | **Received By** Print: Signature: | **Date** 3/10/25 **Time** 1308 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250583

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Downes
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72421 | 3-10-25 | 955 | tedlar 1 | X | | | | |
| MS-02 | 72422 | | 1035 | | X | | | | |
| MS-03 | 72423 | | 907 | | X | | | | |
| MS-04 | 72424 | | 1008 | | X | | | | |
| MS-05 | 72425 | | 939 | | X | | | | |
| Working Face | 72426 | | 925 | | X | | | | |
| Reaction | 72427 | ↓ | 1019 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via: ☐ Fedex ☐ UPS ☐ Courier ☐ Other
Temperature °C
Thermometer ID
Initials
Received Chilled
Total Containers
Unused Containers
Flow Conditions

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Downes Signature: ND | Date 3-10-25 Time | **Received By** Print: Signature: | Date 3/10/25 Time 1506 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

Atmospheric Analysis & Consulting, Inc

| | | |
|---|---|---|
| CLIENT | : | SCS Engineers |
| PROJECT NAME | : | Chiquita |
| PROJECT NUMBER | : | 01204123.21 TASK 22 |
| AAC PROJECT NO. | : | 250583 |
| REPORT DATE | : | 03/12/2025 |

On March 10th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250583-72411 | S. End Lincoln | 250583-72420 |
| MS-07 | 250583-72412 | MS-01 | 250583-72421 |
| MS-08 | 250583-72413 | MS-02 | 250583-72422 |
| MS-09 | 250583-72414 | MS-03 | 250583-72423 |
| MS-10 | 250583-72415 | MS-04 | 250583-72424 |
| MS-11 | 250583-72416 | MS-05 | 250583-72425 |
| MS-12 | 250583-72417 | Working Face | 250583-72426 |
| SCV | 250583-72418 | Reaction | 250583-72427 |
| Chiquito Cyn Rd | 250583-72419 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250583**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/10/2025**
**RECEIVING DATE : 03/10/2025**
**ANALYSIS DATE : 03/10-11/2025**
**REPORT DATE : 03/12/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250583-72411 | 250583-72412 | 250583-72413 | 250583-72414 | 250583-72415 | 250583-72416 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250583**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/10/2025**
**RECEIVING DATE : 03/10/2025**
**ANALYSIS DATE : 03/10-11/2025**
**REPORT DATE : 03/12/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250583-72417 | 250583-72418 | 250583-72419 | 250583-72420 | 250583-72421 | 250583-72422 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250583**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/10/2025**
**RECEIVING DATE : 03/10/2025**
**ANALYSIS DATE : 03/10/2025**
**REPORT DATE : 03/12/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250583-72423 | 250583-72424 | 250583-72425 | 250583-72426 | 250583-72427 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/10/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21379 | 480 | 97.3 | 0.3 |
| Duplicate | 21456 | 482 | 97.6 | 0.6 |
| Triplicate | 21132 | 475 | 96.1 | 0.9 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 20045 | 522 | 102.8 | 1.0 |
| Duplicate | 19814 | 516 | 101.6 | 0.1 |
| Triplicate | 19651 | 511 | 100.8 | 0.9 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22414 | 496 | 103.3 | 0.2 |
| Duplicate | 22404 | 496 | 103.3 | 0.3 |
| Triplicate | 22569 | 500 | 104.0 | 0.5 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250515-72063**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250515-72063 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 240.7 | 252.8 | 97.5 | 102.3 | 4.9 |
| MeSH | <PQL | 253.8 | 251.6 | 266.2 | 99.2 | 104.9 | 5.6 |
| DMS | <PQL | 240.3 | 258.1 | 257.6 | 107.4 | 107.2 | 0.2 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 466.0 | 94.3 |
| MeSH | 507.5 | 540.4 | 106.5 |
| DMS | 480.5 | 527.8 | 109.8 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/10/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7918 | 0.503 | 101.8 | 0.9 |
| Duplicate | 7901 | 0.502 | 101.6 | 0.7 |
| Triplicate | 7715 | 0.490 | 99.2 | 1.7 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7083 | 0.485 | 95.6 | 4.2 |
| Duplicate | 7662 | 0.525 | 103.4 | 3.7 |
| Triplicate | 7428 | 0.509 | 100.3 | 0.5 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8030 | 0.488 | 101.6 | 0.9 |
| Duplicate | 8257 | 0.502 | 104.5 | 1.9 |
| Triplicate | 8021 | 0.488 | 101.5 | 1.0 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250515-72063**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250515-72063 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.252 | 0.251 | 102.0 | 101.6 | 0.4 |
| MeSH | <PQL | 0.254 | 0.247 | 0.237 | 97.3 | 93.4 | 4.1 |
| DMS | <PQL | 0.240 | 0.240 | 0.242 | 99.9 | 100.7 | 0.8 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.466 | 94.3 |
| MeSH | 0.508 | 0.526 | 103.6 |
| DMS | 0.481 | 0.502 | 104.5 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/11/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22142 | 498 | 100.7 | 3.4 |
| Duplicate | 20957 | 471 | 95.3 | 2.1 |
| Triplicate | 21124 | 475 | 96.1 | 1.3 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 20350 | 530 | 104.4 | 2.5 |
| Duplicate | 19541 | 509 | 100.2 | 1.6 |
| Triplicate | 19699 | 513 | 101.0 | 0.8 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22668 | 502 | 104.5 | 0.2 |
| Duplicate | 22682 | 502 | 104.6 | 0.3 |
| Triplicate | 22515 | 499 | 103.8 | 0.5 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250583-72414**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250583-72414 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 260.7 | 250.3 | 105.6 | 101.3 | 4.1 |
| MeSH | <PQL | 253.8 | 269.8 | 272.6 | 106.3 | 107.4 | 1.1 |
| DMS | <PQL | 240.3 | 258.6 | 260.0 | 107.6 | 108.2 | 0.5 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 509.3 | 103.1 |
| MeSH | 507.5 | 547.9 | 108.0 |
| DMS | 480.5 | 527.0 | 109.7 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/11/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8108 | 0.515 | 104.2 | 0.3 |
| Duplicate | 8072 | 0.513 | 103.8 | 0.2 |
| Triplicate | 8079 | 0.513 | 103.9 | 0.1 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7717 | 0.529 | 104.2 | 0.1 |
| Duplicate | 7641 | 0.523 | 103.1 | 0.9 |
| Triplicate | 7776 | 0.533 | 104.9 | 0.8 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8289 | 0.504 | 104.9 | 0.3 |
| Duplicate | 8234 | 0.501 | 104.2 | 0.3 |
| Triplicate | 8260 | 0.502 | 104.6 | 0.0 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250583-72420**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250583-72420 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.263 | 0.259 | 106.5 | 104.9 | 1.5 |
| MeSH | <PQL | 0.254 | 0.256 | 0.256 | 100.9 | 100.9 | 0.0 |
| DMS | <PQL | 0.240 | 0.259 | 0.259 | 107.8 | 107.8 | 0.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.542 | 109.7 |
| MeSH | 0.508 | 0.553 | 109.0 |
| DMS | 0.481 | 0.525 | 109.3 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250583

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72394 | 3-10-25 | 857 | summa 1 | X | | | | |
| MS-07 | 72395 | | 1049 | | X | | | | |
| MS-08 | 72396 | | 1123 | | X | | | | |
| MS-09 | 72397 | | 1135 | | X | | | | |
| MS-10 | 72398 | | 803 | | X | | | | |
| MS-11 | 72399 | | 826 | | X | | | | |
| MS-12 | 72400 | | 1116 | | X | | | | |
| SCV | 72401 | | 751 | | X | | | | |
| Chiquito Cyn Rd | 72402 | | 1102 | | X | | | | |
| S. End Lincoln | 72403 | ↓ | 1110 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature °C
Thermometer ID
Initials
Returned Cont.
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 3-10-25 Time | **Received By** Print: Signature: | Date 3/10/25 Time 1306 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

17x cns

250583

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Downes
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72404 | 3-10-25 | 955 | summa 1 | X | | | | | |
| MS-02 | 72405 | ↓ | 1035 | | X | | | | | |
| MS-03 | 72406 | | 907 | | X | | | | | |
| MS-04 | 72407 | | 1008 | | X | | | | | |
| MS-05 | 72408 | | 939 | | X | | | | | |
| Working Face | 72409 | | 925 | | X | | | | | |
| Reaction | 72410 | | 1019 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Returned Equip.
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY:**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Downes Signature: ND | Date 3-10-25 Time | Received By Print: Signature: | Date 3/10/25 Time 1306 |
| **Relinquished By** Print: Signature: | Date Time | Received By Print: Signature: | Date Time |

hn 250583

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72411 | 3-10-25 | 857 | tedlar 1 | X | | | | |
| MS-07 | 72412 | | 1049 | | X | | | | |
| MS-08 | 72413 | | 1123 | | X | | | | |
| MS-09 | 72414 | | 1135 | | X | | | | |
| MS-10 | 72415 | | 803 | | X | | | | |
| MS-11 | 72416 | | 826 | | X | | | | |
| MS-12 | 72417 | | 1116 | | X | | | | |
| SCV | 72418 | | 751 | | X | | | | |
| Chiquito Cyn Rd | 72419 | | 1102 | | X | | | | |
| S. End Lincoln | 72420 | ↓ | 1110 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID

Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other

Temperature: ____ °C
Thermometer ID: ____
Initials: ____
Returned Cont: ____
Total cans: ____
Unused cans: ____
Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | |
|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 3-10-25 Time | **Received By** Print: Signature: |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: |

Date 3/10/25 Time 1300

Date Time

250583

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Downes
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72721 | 3-10-25 | 955 | tedlar 1 | X | | | | | |
| MS-02 | 72722 | | 1035 | | X | | | | | |
| MS-03 | 72723 | | 907 | | X | | | | | |
| MS-04 | 72724 | | 1008 | | X | | | | | |
| MS-05 | 72725 | | 939 | | X | | | | | |
| Working Face | 72726 | | 935 | | X | | | | | |
| Reaction | 72727 | V | 1019 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☒ Other
Temperature ____ °C
Thermometer ID
Initials
Returned Cont
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Downes Signature: ND | Date 3-10-25 Time | **Received By** Print: Signature: | Date 3/10/25 Time 1506 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita ON/OFF |
| PROJECT NO. | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250668 |
| REPORT DATE | : 03/21/2025 |

On March 17, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250668-72786 | 722.5 | S. End Lincoln | 250668-72795 | 721.0 |
| MS-07 | 250668-72787 | 716.5 | MS-01 | 250668-72796 | 720.5 |
| MS-08 | 250668-72788 | 707.0 | MS-02 | 250668-72797 | 719.5 |
| MS-09 | 250668-72789 | 711.0 | MS-03 | 250668-72798 | 728.0 |
| MS-10 | 250668-72790 | 726.5 | MS-04 | 250668-72799 | 722.0 |
| MS-11 | 250668-72791 | 724.0 | MS-05 | 250668-72800 | 723.0 |
| MS-12 | 250668-72792 | 714.0 | Working Face | 250668-72801 | 725.0 |
| SCV | 250668-72793 | 720.5 | Reaction | 250668-72802 | 719.5 |
| Chiquito Cyn Rd | 250668-72794 | 715.5 | -- | -- | -- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72786 | | | | 250668-72787 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.03 | <SRL | U | 1 | 7.11 | 5.00 |
| Methanol | <SRL | U | 1 | 7.03 | <SRL | U | 1 | 7.11 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.84 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | 2.95 | | 1 | 2.81 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.84 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72786 | | | | 250668-72787 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.84 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.42 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.03 | <SRL | U | 1 | 7.11 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.84 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) | MS-09 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72788 | | | | 250668-72789 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 7.18 | 5.00 |
| Methanol | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 7.18 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | 3.27 | | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) | MS-09 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72788 | | | | 250668-72789 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.87 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.44 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.21 | <SRL | U | 1 | 7.18 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.87 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 104% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) | MS-11 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72790 | | | | 250668-72791 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 7.07 | 5.00 |
| Methanol | 12.0 | | 1 | 7.01 | <SRL | U | 1 | 7.07 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | 3.52 | | 1 | 2.81 | <SRL | U | 1 | 2.83 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | 4.59 | | 1 | 2.81 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.83 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72790 | | | | 250668-72791 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.83 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.41 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 7.07 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.81 | <SRL | U | 1 | 2.83 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 104% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) | SCV | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72792 | | | (MRLxDF's) | 250668-72793 | | | (MRLxDF's) | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.07 | 5.00 |
| Methanol | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.07 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | 3.57 | | 1 | 2.87 | <SRL | U | 1 | 2.83 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.83 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72792 | | | | 250668-72793 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.83 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.07 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.87 | <SRL | U | 1 | 2.83 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 101% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72794 | | | | 250668-72795 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.13 | <SRL | U | 1 | 7.06 | 5.00 |
| Methanol | <SRL | U | 1 | 7.13 | <SRL | U | 1 | 7.06 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72794 | | | | 250668-72795 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.41 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.13 | <SRL | U | 1 | 7.06 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.85 | <SRL | U | 1 | 2.82 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 104% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72796 | | | | 250668-72797 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.06 | <SRL | U | 1 | 7.06 | 5.00 |
| Methanol | <SRL | U | 1 | 7.06 | <SRL | U | 1 | 7.06 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.82 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.82 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.82 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72796 | | | | 250668-72797 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.82 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.06 | <SRL | U | 1 | 7.06 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.82 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72798 | | | | 250668-72799 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 7.09 | 5.00 |
| Methanol | <SRL | U | 1 | 7.01 | 73.2 | | 1 | 7.09 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72798 | | | | 250668-72799 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.40 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.40 | <SRL | U | 1 | 1.42 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.01 | <SRL | U | 1 | 7.09 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.80 | <SRL | U | 1 | 2.84 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 101% | | | | 100% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72800 | | | | 250668-72801 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Propene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.05 | <SRL | U | 1 | 7.03 | 5.00 |
| Methanol | <SRL | U | 1 | 7.05 | <SRL | U | 1 | 7.03 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.81 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Acetone | 2.95 | | 1 | 2.82 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.81 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.81 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Hexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250668-72800 | | | | 250668-72801 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.41 | | | | 1.41 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Heptane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Toluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.81 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Styrene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.41 | <SRL | U | 1 | 1.41 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.05 | <SRL | U | 1 | 7.03 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.82 | <SRL | U | 1 | 2.81 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.70 | <SRL | U | 1 | 0.70 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250668-72802 | | | | |
| *Date Sampled* | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.08 | 5.00 |
| Methanol | 13.7 | | 1 | 7.08 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.83 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.83 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.42 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.71 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.83 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250668
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/17/2025
DATE REPORTED : 03/21/2025
ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250668-72802 | | | | |
| *Date Sampled* | 03/17/2025 | | | | |
| *Date Analyzed* | 03/19/2025 | | | | |
| *Can Dilution Factor* | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 0.71 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.42 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.83 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.42 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 7.08 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.83 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 106% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250668**
**MATRIX : AIR**

**DATE RECEIVED : 03/17/2025**
**DATE REPORTED : 03/21/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250668-72786 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 100% |
| MS-07 | 250668-72787 | 03/17/2025 | 03/19/2025 | <SRL | 1.42 | 1.0 | 100% |
| MS-08 | 250668-72788 | 03/17/2025 | 03/19/2025 | <SRL | 1.44 | 1.0 | 95% |
| MS-09 | 250668-72789 | 03/17/2025 | 03/19/2025 | <SRL | 1.44 | 1.0 | 104% |
| MS-10 | 250668-72790 | 03/17/2025 | 03/19/2025 | <SRL | 1.40 | 1.0 | 104% |
| MS-11 | 250668-72791 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 99% |
| MS-12 | 250668-72792 | 03/17/2025 | 03/19/2025 | <SRL | 1.43 | 1.0 | 101% |
| SCV | 250668-72793 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 101% |
| Chiquito Cyn Rd | 250668-72794 | 03/17/2025 | 03/19/2025 | <SRL | 1.43 | 1.0 | 104% |
| S. End Lincoln | 250668-72795 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 99% |
| MS-01 | 250668-72796 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 97% |
| MS-02 | 250668-72797 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 99% |
| MS-03 | 250668-72798 | 03/17/2025 | 03/19/2025 | <SRL | 1.40 | 1.0 | 101% |
| MS-04 | 250668-72799 | 03/17/2025 | 03/19/2025 | <SRL | 1.42 | 1.0 | 100% |
| MS-05 | 250668-72800 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 100% |
| Working Face | 250668-72801 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 99% |
| Reaction | 250668-72802 | 03/17/2025 | 03/19/2025 | 0.34 | 1.42 | 1.0 | 106% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Dimethyl Sulfide is 0.24 ppb (v/v).

E - Estimated value above the calibration range.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250668**
**MATRIX : AIR**

**DATE RECEIVED : 03/17/2025**
**DATE REPORTED : 03/21/2025**
**ANALYST : DL/CH**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250668-72786 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 100% |
| MS-07 | 250668-72787 | 03/17/2025 | 03/19/2025 | <SRL | 1.42 | 1.0 | 100% |
| MS-08 | 250668-72788 | 03/17/2025 | 03/19/2025 | <SRL | 1.44 | 1.0 | 95% |
| MS-09 | 250668-72789 | 03/17/2025 | 03/19/2025 | <SRL | 1.44 | 1.0 | 104% |
| MS-10 | 250668-72790 | 03/17/2025 | 03/19/2025 | <SRL | 1.40 | 1.0 | 104% |
| MS-11 | 250668-72791 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 99% |
| MS-12 | 250668-72792 | 03/17/2025 | 03/19/2025 | <SRL | 1.43 | 1.0 | 101% |
| SCV | 250668-72793 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 101% |
| Chiquito Cyn Rd | 250668-72794 | 03/17/2025 | 03/19/2025 | <SRL | 1.43 | 1.0 | 104% |
| S. End Lincoln | 250668-72795 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 99% |
| MS-01 | 250668-72796 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 97% |
| MS-02 | 250668-72797 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 99% |
| MS-03 | 250668-72798 | 03/17/2025 | 03/19/2025 | <SRL | 1.40 | 1.0 | 101% |
| MS-04 | 250668-72799 | 03/17/2025 | 03/19/2025 | <SRL | 1.42 | 1.0 | 100% |
| MS-05 | 250668-72800 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 100% |
| Working Face | 250668-72801 | 03/17/2025 | 03/19/2025 | <SRL | 1.41 | 1.0 | 99% |
| Reaction | 250668-72802 | 03/17/2025 | 03/19/2025 | <SRL | 1.42 | 1.0 | 106% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%

RL - Reporting Limit

U - Compound was not detected at or above the Sample RL.

J - Estimated result between the Method Detection Limit (MDL) and the Reporting Limit (RL).

MDL for Limonene is 0.24 ppb (v/v).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/19/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-031025-01
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 03/10/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.82 | 104 |
| Chlorodifluoromethane | 10.20 | 7.18 | 70 |
| Propene | 10.70 | 7.67 | 72 |
| Dichlorodifluoromethane | 10.40 | 10.94 | 105 |
| Dimethyl Ether | 10.10 | 7.97 | 79 |
| Chloromethane | 10.50 | 8.80 | 84 |
| Dichlorotetrafluoroethane | 10.20 | 11.01 | 108 |
| Vinyl Chloride | 10.60 | 9.72 | 92 |
| Acetaldehyde | 20.90 | 14.97 | 72 |
| Methanol | 20.40 | 15.47 | 76 |
| 1,3-Butadiene | 10.70 | 8.79 | 82 |
| Bromomethane | 10.40 | 10.36 | 100 |
| Chloroethane | 10.40 | 8.86 | 85 |
| Dichlorofluoromethane | 10.10 | 9.03 | 89 |
| Ethanol | 11.40 | 8.35 | 73 |
| Vinyl Bromide | 10.10 | 9.98 | 99 |
| Acrolein | 10.90 | 9.62 | 88 |
| Acetone | 10.60 | 8.89 | 84 |
| Trichlorofluoromethane | 10.50 | 10.15 | 97 |
| 2-Propanol (IPA) | 11.00 | 7.79 | 71 |
| Acrylonitrile | 11.10 | 8.40 | 76 |
| 1,1-Dichloroethene | 10.50 | 10.01 | 95 |
| Methylene Chloride (DCM) | 10.40 | 10.36 | 100 |
| TertButanol (TBA) | 11.20 | 10.13 | 90 |
| Allyl Chloride | 10.20 | 7.51 | 74 |
| Carbon Disulfide | 10.50 | 9.81 | 93 |
| Trichlorotrifluoroethane | 10.30 | 9.81 | 95 |
| trans-1,2-Dichloroethene | 10.80 | 10.42 | 96 |
| 1,1-Dichloroethane | 10.70 | 8.98 | 84 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.15 | 95 |
| Vinyl Acetate | 11.00 | 7.99 | 73 |
| 2-Butanone (MEK) | 10.70 | 10.16 | 95 |
| cis-1,2-Dichloroethene | 10.70 | 10.33 | 97 |
| Hexane | 10.80 | 9.35 | 87 |
| Chloroform | 10.70 | 9.83 | 92 |
| Ethyl Acetate | 10.70 | 7.82 | 73 |
| Tetrahydrofuran | 10.40 | 9.49 | 91 |
| 1,2-Dichloroethane | 10.60 | 8.94 | 84 |
| 1,1,1-Trichloroethane | 10.50 | 9.86 | 94 |
| Benzene | 10.70 | 9.71 | 91 |
| Carbon Tetrachloride | 10.30 | 10.26 | 100 |
| Cyclohexane | 10.50 | 9.39 | 89 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 9.01 | 84 |
| Bromodichloromethane | 10.50 | 10.19 | 97 |
| 1,4-Dioxane | 10.50 | 10.18 | 97 |
| Trichloroethene (TCE) | 10.50 | 10.42 | 99 |
| 2,2,4-Trimethylpentane | 10.10 | 7.90 | 78 |
| Methyl Methacrylate | 11.00 | 9.97 | 91 |
| Heptane | 10.50 | 9.24 | 88 |
| cis-1,3-Dichloropropene | 10.50 | 10.04 | 96 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 8.34 | 79 |
| trans-1,3-Dichloropropene | 10.60 | 9.69 | 91 |
| 1,1,2-Trichloroethane | 10.60 | 10.36 | 98 |
| Toluene | 10.80 | 10.09 | 93 |
| 2-Hexanone (MBK) | 10.50 | 8.65 | 82 |
| Dibromochloromethane | 10.60 | 10.90 | 103 |
| 1;2-Dibromoethane | 10.60 | 10.75 | 101 |
| Tetrachloroethene (PCE) | 10.50 | 10.49 | 100 |
| Chlorobenzene | 10.80 | 10.34 | 96 |
| Ethylbenzene | 10.60 | 10.00 | 94 |
| m & p-Xylene | 21.20 | 20.03 | 94 |
| Bromoform | 10.60 | 10.80 | 102 |
| Styrene | 10.60 | 10.09 | 95 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 9.68 | 91 |
| o-Xylene | 10.60 | 9.81 | 93 |
| 1,2,3-Trichloropropane | 11.00 | 10.84 | 99 |
| Isopropylbenzene (Cumene) | 10.40 | 10.43 | 100 |
| α-Pinene | 10.80 | 9.54 | 88 |
| 2-Chlorotoluene | 10.30 | 10.11 | 98 |
| n-Propylbenzene | 10.10 | 9.77 | 97 |
| 4-Ethyltoluene | 10.40 | 9.77 | 94 |
| 1,3,5-Trimethylbenzene | 10.30 | 9.79 | 95 |
| β-Pinene LR | 10.90 | 7.11 | 65 |
| 1,2,4-Trimethylbenzene | 10.30 | 10.09 | 98 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 10.53 | 102 |
| 1,3-Dichlorobenzene | 10.30 | 10.51 | 102 |
| 1,4-Dichlorobenzene | 10.20 | 10.73 | 105 |
| Sec-ButylBenzene | 10.00 | 10.00 | 100 |
| 1,2-Dichlorobenzene | 10.40 | 10.78 | 104 |
| n-ButylBenzene | 10.20 | 10.09 | 99 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 10.49 | 104 |
| 1,2,4-Trichlorobenzene | 10.50 | 10.70 | 102 |
| Naphthalene | 10.90 | 12.36 | 113 |
| Hexachlorobutadiene | 10.80 | 10.89 | 101 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

LR - Recovery for this compound was low. Results should be considered estimated.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/19/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-031025-01**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.82 | 9.67 | 104 | 103 | 1.5 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.01 | 9.70 | 95 | 92 | 3.1 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 10.36 | 9.85 | 100 | 95 | 5.0 |
| Benzene | 0.0 | 10.70 | 9.71 | 9.75 | 91 | 91 | 0.4 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.42 | 10.59 | 99 | 101 | 1.6 |
| Toluene | 0.0 | 10.80 | 10.09 | 9.91 | 93 | 92 | 1.8 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 10.49 | 10.05 | 100 | 96 | 4.3 |
| Chlorobenzene | 0.0 | 10.80 | 10.34 | 10.43 | 96 | 97 | 0.9 |
| Ethylbenzene | 0.0 | 10.60 | 10.00 | 9.96 | 94 | 94 | 0.4 |
| m & p-Xylene | 0.0 | 21.20 | 20.03 | 19.92 | 94 | 94 | 0.6 |
| o-Xylene | 0.0 | 10.60 | 9.81 | 9.77 | 93 | 92 | 0.4 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/19/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 031925* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 103% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 031925* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 1.0 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 5.0 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 2.0 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/19/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x47.2

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250470-71871

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.33 | 9.05 | 3.0 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | 1970 | 1800 | 9.2 |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 550 | 508 | 7.9 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 1270 | 1140 | 10.2 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | 682 | 625 | 8.7 |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | 1990 | 1790 | 10.4 |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | 249 | 228 | 8.7 |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | 194 | 182 | 6.8 |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250668

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS
**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]
**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
**Print:** Nathaniel Davalos
**Signature:** ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72786 | 3-17-25 | 1130 | summa 1 | X | | | | |
| MS-07 | 72787 | | 1315 | | X | | | | |
| MS-08 | 72788 | | 1351 | | X | | | | |
| MS-09 | 72789 | | 1410 | | X | | | | |
| MS-10 | 72790 | | 1048 | | X | | | | |
| MS-11 | 72791 | | 1115 | | X | | | | |
| MS-12 | 72792 | | 1340 | | X | | | | |
| SCV | 72793 | | 1040 | | X | | | | |
| Chiquito Cyn Rd | 72794 | | 1325 | | X | | | | |
| S. End Lincoln | 72795 | | 1334 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Returned Cont.
Total Cans:
Unused Cans:
Flow Controller:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 3-17-25 **Time** | **Received By** Print: Signature: | **Date** 3/17/25 **Time** 14:18 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250668

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS
**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]
**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72796 | 3-17-25 | 1221 | summa 1 | X | | | | |
| MS-02 | 72797 | | 1257 | | X | | | | |
| MS-03 | 72798 | | 1145 | | X | | | | |
| MS-04 | 72799 | | 1236 | | X | | | | |
| MS-05 | 72800 | | 1210 | | X | | | | |
| Working Face | 72801 | | 1158 | | X | | | | |
| Reaction | 72802 | | 1246 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via: ☐ Fedex ☐ UPS ☐ Courier ☐ Other
Temperature °C
Thermometer ID
Initials
Received Chilled
Total cans
Unused Cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | **Date** 3-17-25 **Time** | **Received By** Print: Signature: | **Date** 3/17/25 **Time** 1418 |
| **Relinquished By** Print: Signature: | **Date** **Time** | **Received By** Print: Signature: | **Date** **Time** |

250668

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72803 | 3-17-25 | 1130 | tedlar 1 | X | | | | |
| MS-07 | 72804 | | 1315 | | X | | | | |
| MS-08 | 72805 | | 1351 | | X | | | | |
| MS-09 | 72806 | | 1410 | | X | | | | |
| MS-10 | 72807 | | 1048 | | X | | | | |
| MS-11 | 72808 | | 1115 | | X | | | | |
| MS-12 | 72809 | | 1340 | | X | | | | |
| SCV | 72810 | | 1040 | | X | | | | |
| Chiquito Cyn Rd | 72811 | | 1325 | | X | | | | |
| S. End Lincoln | 72812 | | 1334 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via: ☐Fedex ☐UPS ☐Courier ☐Other
Temperature
Thermometer ID
Initials
Tedlar Bag Check
Tedlar Bags
Unused Gas
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 3-17-25 Time | **Received By** Print: Signature: | Date 3/17/25 Time 1418 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250668

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72813 | 3-17-25 | 1221 | tedlar 1 | X | | | | |
| MS-02 | 72814 | ↓ | 1257 | | X | | | | |
| MS-03 | 72815 | | 1145 | | X | | | | |
| MS-04 | 72816 | | 1236 | | X | | | | |
| MS-05 | 72817 | | 1210 | | X | | | | |
| Working Face | 72818 | | 1158 | | X | | | | |
| Reaction | 72819 | | 1246 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature
Thermometer ID
Initials
Preserved Cont.
Total cans
Missed Cans
New Containers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 3-17-25 Time | **Received By** Print: Signature: | Date 3/17/25 Time 1418 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

# Atmospheric Analysis & Consulting, Inc.

| | | |
|---|---|---|
| CLIENT | : | SCS Engineers |
| PROJECT NAME | : | Chiquita |
| PROJECT NUMBER | : | 01204123.21 TASK 22 |
| AAC PROJECT NO. | : | 250668 |
| REPORT DATE | : | 03/20/2025 |

On March 17th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250668-72803 | S. End Lincoln | 250668-72812 |
| MS-07 | 250668-72804 | MS-01 | 250668-72813 |
| MS-08 | 250668-72805 | MS-02 | 250668-72814 |
| MS-09 | 250668-72806 | MS-03 | 250668-72815 |
| MS-10 | 250668-72807 | MS-04 | 250668-72816 |
| MS-11 | 250668-72808 | MS-05 | 250668-72817 |
| MS-12 | 250668-72809 | Working Face | 250668-72818 |
| SCV | 250668-72810 | Reaction | 250668-72819 |
| Chiquito Cyn Rd | 250668-72811 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250668**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/17/2025**
**RECEIVING DATE : 03/17/2025**
**ANALYSIS DATE : 03/17-18/2025**
**REPORT DATE : 03/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250668-72803 | 250668-72804 | 250668-72805 | 250668-72806 | 250668-72807 | 250668-72808 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250668**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/17/2025**
**RECEIVING DATE : 03/17/2025**
**ANALYSIS DATE : 03/17-18/2025**
**REPORT DATE : 03/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250668-72809 | 250668-72810 | 250668-72811 | 250668-72812 | 250668-72813 | 250668-72814 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

CLIENT : **SCS Engineers**
PROJECT NO. : **250668**
MATRIX : **AIR**
UNITS : **ppmv**

SAMPLING DATE : **03/17/2025**
RECEIVING DATE : **03/17/2025**
ANALYSIS DATE : **03/17/2025**
REPORT DATE : **03/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250668-72815 | 250668-72816 | 250668-72817 | 250668-72818 | 250668-72819 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/17/2025**
**Analyst: SS**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7590 | 0.482 | 97.6 | 1.7 |
| Duplicate | 7778 | 0.494 | 100.0 | 0.7 |
| Triplicate | 7806 | 0.496 | 100.3 | 1.1 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7317 | 0.501 | 98.7 | 0.7 |
| Duplicate | 7354 | 0.504 | 99.2 | 0.2 |
| Triplicate | 7437 | 0.509 | 100.4 | 0.9 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7855 | 0.478 | 99.4 | 1.3 |
| Duplicate | 7896 | 0.480 | 99.9 | 0.8 |
| Triplicate | 8128 | 0.494 | 102.9 | 2.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID** 250583-72416

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID** 250583-72416 x2

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.258 | 0.252 | 104.5 | 102.0 | 2.4 |
| MeSH | <PQL | 0.254 | 0.251 | 0.259 | 98.9 | 102.1 | 3.1 |
| DMS | <PQL | 0.240 | 0.255 | 0.258 | 106.1 | 107.4 | 1.2 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.494 | 100.0 |
| MeSH | 0.508 | 0.494 | 97.3 |
| DMS | 0.481 | 0.504 | 104.9 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/17/2025**
**Analyst: SS**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21585 | 485 | 98.2 | 0.8 |
| Duplicate | 21605 | 486 | 98.3 | 0.7 |
| Triplicate | 22068 | 496 | 100.4 | 1.4 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19806 | 516 | 101.6 | 0.7 |
| Duplicate | 20083 | 523 | 103.0 | 0.6 |
| Triplicate | 19973 | 520 | 102.4 | 0.1 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22471 | 498 | 103.6 | 0.3 |
| Duplicate | 22417 | 497 | 103.3 | 0.1 |
| Triplicate | 22326 | 495 | 102.9 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250583-72416**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250583-72416 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 237.9 | 250.2 | 96.3 | 101.3 | 5.0 |
| MeSH | <PQL | 253.8 | 254.7 | 269.6 | 100.4 | 106.2 | 5.7 |
| DMS | <PQL | 240.3 | 251.6 | 259.6 | 104.7 | 108.1 | 3.1 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 472.5 | 95.6 |
| MeSH | 507.5 | 505.2 | 99.5 |
| DMS | 480.5 | 507.1 | 105.5 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/18/2025**
**Analyst: SS**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7930 | 0.504 | 101.9 | 0.7 |
| Duplicate | 7894 | 0.501 | 101.5 | 1.2 |
| Triplicate | 8140 | 0.517 | 104.6 | 1.9 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7361 | 0.504 | 99.3 | 3.0 |
| Duplicate | 7715 | 0.528 | 104.1 | 1.7 |
| Triplicate | 7685 | 0.526 | 103.7 | 1.3 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8025 | 0.488 | 101.6 | 1.1 |
| Duplicate | 8183 | 0.498 | 103.6 | 0.8 |
| Triplicate | 8141 | 0.495 | 103.0 | 0.3 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250668-72809**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250668-72809 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.242 | 0.231 | 98.0 | 93.5 | 4.7 |
| MeSH | <PQL | 0.254 | 0.259 | 0.243 | 102.1 | 95.8 | 6.4 |
| DMS | <PQL | 0.240 | 0.256 | 0.250 | 106.6 | 104.1 | 2.4 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.487 | 98.6 |
| MeSH | 0.508 | 0.508 | 100.1 |
| DMS | 0.481 | 0.495 | 103.0 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/18/2025**
**Analyst: SS**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21584 | 485 | 98.2 | 0.4 |
| Duplicate | 21092 | 474 | 95.9 | 1.9 |
| Triplicate | 21840 | 491 | 99.3 | 1.6 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19052 | 496 | 97.7 | 1.9 |
| Duplicate | 19234 | 501 | 98.6 | 0.9 |
| Triplicate | 19969 | 520 | 102.4 | 2.8 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21503 | 476 | 99.1 | 0.3 |
| Duplicate | 21593 | 478 | 99.5 | 0.2 |
| Triplicate | 21581 | 478 | 99.5 | 0.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250668-72806**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250668-72806 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 226.6 | 242.7 | 91.7 | 98.2 | 6.9 |
| MeSH | <PQL | 253.8 | 232.2 | 253.5 | 91.5 | 99.9 | 8.8 |
| DMS | <PQL | 240.3 | 242.7 | 252.7 | 101.0 | 105.2 | 4.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 449.3 | 91.0 |
| MeSH | 507.5 | 487.3 | 96.0 |
| DMS | 480.5 | 486.0 | 101.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250668

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | 307.91 SULFUR |
|---|---|---|---|---|---|
| MS-06 | 72803 | 3-17-25 | 1130 | tedlar 1 | X |
| MS-07 | 72804 | | 1315 | | X |
| MS-08 | 72805 | | 1351 | | X |
| MS-09 | 72806 | | 1410 | | X |
| MS-10 | 72807 | | 1048 | | X |
| MS-11 | 72808 | | 1115 | | X |
| MS-12 | 72809 | | 1340 | | X |
| SCV | 72810 | | 1040 | | X |
| Chiquito Cyn Rd | 72811 | | 1325 | | X |
| S. End Lincoln | 72812 | | 1334 | | X |
| | | | | | |
| | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Returned Cont
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 3-17-25 Time | **Received By** Print: Signature: | Date 3/17/25 Time 1418 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250668

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**Client/Company Name:** SCS ENGINEERS
**Project Manager Name:** PAUL SCHAFER
**Project Name:** CHIQUITA [ ON ]
**Project Number:** 01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**AAC Project No.:**

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: 307.91 SULFUR | Lab ID |
|---|---|---|---|---|---|---|
| MS-01 | 72813 | 3-17-25 | 1221 | tedlar 1 | X | |
| MS-02 | 72814 | | 1257 | | X | |
| MS-03 | 72815 | | 1145 | | X | |
| MS-04 | 72816 | | 1236 | | X | |
| MS-05 | 72817 | | 1210 | | X | |
| Working Face | 72818 | | 1158 | | X | |
| Reaction | 72819 | | 1246 | | X | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Cont:
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Davalos | 3-17-25 | Print: | 3/17/25 |
| Signature: ND | Time | Signature: | Time 1418 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |

250668

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 72786 | 3-17-25 | 1130 | summa 1 | X | | | | | |
| MS-07 | 72787 | | 1315 | | X | | | | | |
| MS-08 | 72788 | | 1351 | | X | | | | | |
| MS-09 | 72789 | | 1410 | | X | | | | | |
| MS-10 | 72790 | | 1048 | | X | | | | | |
| MS-11 | 72791 | | 1115 | | X | | | | | |
| MS-12 | 72792 | | 1340 | | X | | | | | |
| SCV | 72793 | | 1040 | | X | | | | | |
| Chiquito Cyn Rd | 72794 | | 1325 | | X | | | | | |
| S. End Lincoln | 72795 | | 1334 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Returned Cont
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

LAB USE ONLY:
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Davalos | 3-17-25 | Print: | 3/17/25 |
| Signature: ND | Time | Signature: | Time 14:18 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |

250668

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | |
|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 72796 | 3-17-25 | 1021 | summa 1 | X | | | | |
| MS-02 | 72797 | ↓ | 1257 | | X | | | | |
| MS-03 | 72798 | | 1145 | | X | | | | |
| MS-04 | 72799 | | 1236 | | X | | | | |
| MS-05 | 72800 | | 1210 | | X | | | | |
| Working Face | 72801 | | 1158 | | X | | | | |
| Reaction | 72802 | | 1246 | | X | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**LAB USE ONLY**
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Returned Cont.
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Davalos | 3-17-25 | Print: | 3/17/25 |
| Signature: ND | Time | Signature: | Time 1418 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita |
| PROJECT NUMBER | : 01204123.21 TASK 22 |
| AAC PROJECT NO. | : 250743 |
| REPORT DATE | : 03/27/2025 |

On March 24th 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Client ID | Lab No. |
|---|---|---|---|
| MS-06 | 250743-73255 | S. End Lincoln | 250743-73264 |
| MS-07 | 250743-73256 | MS-01 | 250743-73265 |
| MS-08 | 250743-73257 | MS-02 | 250743-73266 |
| MS-09 | 250743-73258 | MS-03 | 250743-73267 |
| MS-10 | 250743-73259 | MS-04 | 250743-73268 |
| MS-11 | 250743-73260 | MS-05 | 250743-73269 |
| MS-12 | 250743-73261 | Working Face | 250743-73270 |
| SCV | 250743-73262 | Reaction | 250743-73271 |
| Chiquito Cyn Rd | 250743-73263 | - | - |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250743**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/24/2025**
**RECEIVING DATE : 03/24/2025**
**ANALYSIS DATE : 03/24-25/2025**
**REPORT DATE : 03/27/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-06 | MS-07 | MS-08 | MS-09 | MS-10 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250743-73255 | 250743-73256 | 250743-73257 | 250743-73258 | 250743-73259 | 250743-73260 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250743**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/24/2025**
**RECEIVING DATE : 03/24/2025**
**ANALYSIS DATE : 03/24-25/2025**
**REPORT DATE : 03/27/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | SCV | Chiquito Cyn Rd | S. End Lincoln | MS-01 | MS-02 |
|---|---|---|---|---|---|---|
| AAC ID | 250743-73261 | 250743-73262 | 250743-73263 | 250743-73264 | 250743-73265 | 250743-73266 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250743**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/24/2025**
**RECEIVING DATE : 03/24/2025**
**ANALYSIS DATE : 03/24-25/2025**
**REPORT DATE : 03/27/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-03 | MS-04 | MS-05 | Working Face | Reaction |
|---|---|---|---|---|---|
| AAC ID | 250743-73267 | 250743-73268 | 250743-73269 | 250743-73270 | 250743-73271 |
| Analyte | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/24/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7776 | 0.494 | 100.0 | 0.9 |
| Duplicate | 7944 | 0.505 | 102.1 | 1.2 |
| Triplicate | 7831 | 0.497 | 100.7 | 0.3 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7563 | 0.518 | 102.1 | 1.0 |
| Duplicate | 7484 | 0.513 | 101.0 | 0.0 |
| Triplicate | 7411 | 0.508 | 100.0 | 1.0 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8120 | 0.494 | 102.8 | 0.4 |
| Duplicate | 8145 | 0.495 | 103.1 | 0.1 |
| Triplicate | 8195 | 0.498 | 103.7 | 0.5 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250702-72998**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250702-72998 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.238 | 0.235 | 96.4 | 95.1 | 1.3 |
| MeSH | <PQL | 0.254 | 0.246 | 0.246 | 96.9 | 96.9 | 0.0 |
| DMS | <PQL | 0.240 | 0.247 | 0.241 | 102.8 | 100.3 | 2.5 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.446 | 90.3 |
| MeSH | 0.508 | 0.492 | 96.9 |
| DMS | 0.481 | 0.502 | 104.5 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## *Quality Control/Quality Assurance Report*
## SCAQMD 307.91

**Date Analyzed: 3/24/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/2025**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21213 | 477 | 96.5 | 0.3 |
| Duplicate | 21217 | 477 | 96.5 | 0.3 |
| Triplicate | 21042 | 473 | 95.7 | 0.5 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19541 | 509 | 100.2 | 1.0 |
| Duplicate | 19730 | 514 | 101.2 | 0.0 |
| Triplicate | 19935 | 519 | 102.2 | 1.0 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21926 | 486 | 101.1 | 0.9 |
| Duplicate | 22236 | 493 | 102.5 | 0.5 |
| Triplicate | 22211 | 492 | 102.4 | 0.4 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250692-72933**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250692-72933 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 249.5 | 227.6 | 101.0 | 92.1 | 9.2 |
| MeSH | <PQL | 253.8 | 247.0 | 232.9 | 97.4 | 91.8 | 5.9 |
| DMS | <PQL | 240.3 | 249.7 | 235.0 | 103.9 | 97.8 | 6.1 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 471.1 | 95.4 |
| MeSH | 507.5 | 523.8 | 103.2 |
| DMS | 480.5 | 510.2 | 106.2 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/25/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8111 | 0.515 | 104.3 | 2.8 |
| Duplicate | 8010 | 0.509 | 103.0 | 1.6 |
| Triplicate | 7538 | 0.479 | 96.9 | 4.4 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7415 | 0.508 | 100.1 | 0.8 |
| Duplicate | 7539 | 0.516 | 101.7 | 2.5 |
| Triplicate | 7115 | 0.487 | 96.0 | 3.3 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8064 | 0.490 | 102.1 | 0.9 |
| Duplicate | 8130 | 0.494 | 102.9 | 1.7 |
| Triplicate | 7794 | 0.474 | 98.7 | 2.5 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID** 250743-73268

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID** 250743-73268 x2

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.248 | 0.238 | 100.4 | 96.4 | 4.1 |
| MeSH | <PQL | 0.254 | 0.249 | 0.240 | 98.1 | 94.6 | 3.7 |
| DMS | <PQL | 0.240 | 0.255 | 0.246 | 106.1 | 102.4 | 3.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.538 | 108.9 |
| MeSH | 0.508 | 0.535 | 105.4 |
| DMS | 0.481 | 0.510 | 106.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/25/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/2025**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22055 | 496 | 100.3 | 3.5 |
| Duplicate | 20925 | 470 | 95.2 | 1.8 |
| Triplicate | 20977 | 471 | 95.4 | 1.6 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 20170 | 525 | 103.4 | 2.4 |
| Duplicate | 19562 | 509 | 100.3 | 0.7 |
| Triplicate | 19371 | 504 | 99.3 | 1.7 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22136 | 490 | 102.0 | 0.2 |
| Duplicate | 21952 | 486 | 101.2 | 0.7 |
| Triplicate | 22216 | 492 | 102.4 | 0.5 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250743-73263**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250743-73263 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 254.4 | 240.9 | 103.0 | 97.5 | 5.4 |
| MeSH | <PQL | 253.8 | 276.1 | 254.8 | 108.8 | 100.4 | 8.0 |
| DMS | <PQL | 240.3 | 263.3 | 249.7 | 109.6 | 103.9 | 5.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 505.1 | 102.2 |
| MeSH | 507.5 | 520.3 | 102.5 |
| DMS | 480.5 | 491.3 | 102.2 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250743

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name:** SCS ENGINEERS

**Project Manager Name:** PAUL SCHAFER

**Project Name:** CHIQUITA [ OFF ]

**Project Number:** 01204123.21 TASK 22

**Send Report To** (Name/Email/Address): pschafer@scsengineers.com; rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address):

**PO Number**

**Turnaround Time**

- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**

Print: Nathaniel Davalos

Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 ~~EXTENDED~~ LIST + ~~DMS~~ | 307.91 SULFUR | | | | LAB USE ONLY Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 73255 | 3-24-25 | 1200 | summa 1 | | X | | | | |
| MS-07 | 73256 | | 1335 | | | X | | | | |
| MS-08 | 73257 | | 1418 | | | X | | | | |
| MS-09 | 73258 | | 1430 | | | X | | | | |
| MS-10 | 73259 | | 1124 | | | X | | | | |
| MS-11 | 73260 | | 1140 | | | X | | | | |
| MS-12 | 73261 | | 1406 | | | X | | | | |
| SCV | 73262 | | 1116 | | | X | | | | |
| Chiquito Cyn Rd | 73263 | | 1346 | | | X | | | | |
| S. End Lincoln | 73264 | ↓ | 1358 | | | X | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY

Sample Received via:
- ☐ FedEx
- ☐ UPS
- ☐ Courier
- ☐ Other

Temperature: ____ °C

Thermometer ID: ____

Initials: ____

Returned Equip.

Total cans: ____

Unused cans: ____

Flow Controllers: ____

**Client Notes/Special Instructions:**

**EDD?**
- ☐ Yes
- ☐ No

LAB USE ONLY Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 3-24-25 Time | **Received By** Print: Signature: | Date 3/24/25 Time 1521 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250743

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relev

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura,

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Client/Company Name** SCS ENGINEERS<br>**Project Manager Name** PAUL SCHAFER | **Project Name** CHIQUITA [ ON ]<br>**Project Number** 01204123.21 TASK 22 | | | | **Analysis Requested** | | | | |
| **Turnaround Time**<br>☐ Rush 24 h ☐ Same Day<br>☐ Rush 48 h ☐ 5 Days<br>☒ Rush 72 h ☐ Normal | **Sampler Name**<br>**Print:** Nathaniel Donatos<br>**Signature:** ND | | | | ~~TO-15 EXTENDED LIST + DMS~~ | 307.91 SULFUR | | | |
| **Client Sample Name** | **Sample ID** | **Sampling Date** | **Sampling Time** | **Container Type/Qty** | | | | | |
| MS-01 | 73265 | 3-24-25 | 1258 | summa 1 | | X | | | |
| MS-02 | 73266 | | 1325 | | | X | | | |
| MS-03 | 73267 | | 1216 | | | X | | | |
| MS-04 | 73268 | | 1312 | | | X | | | |
| MS-05 73269 | ~~736~~ ND 3/24/25 | | 1246 | | | X | | | |
| Working Face | 73270 | | 1229 | | | X | | | |
| Reaction | 73271 | | 1238 | | | X | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

| | | | |
|---|---|---|---|
| **Relinquished By**<br>**Print:** Nathaniel Donatos<br>**Signature:** ND | **Date** 3-24-25<br>**Time** | **Received By**<br>**Print:**<br>**Signature:** | **Date** 3/24/25<br>**Time** 1521 |
| **Relinquished By**<br>**Print:**<br>**Signature:** | **Date**<br>**Time** | **Received By**<br>**Print:**<br>**Signature:** | **Date**<br>**Time** |

250743

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name:** SCS ENGINEERS
**Project Manager Name:** PAUL SCHAFER
**Project Name:** CHIQUITA [ OFF ]
**Project Number:** 01204123.21 TASK 22

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Donalos
Signature: ND

**Analysis Requested**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | TO-15 EXTENDED LIST + DMS | | | | | Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 73238 | ~~3-24-25~~ | 1200 | summa 1 | X | | | | | |
| MS-07 | 73239 | 3-24-25 | 1335 | | X | | | | | |
| MS-08 | 73240 | | 1418 | | X | | | | | |
| MS-09 | 73241 | | 1430 | | X | | | | | |
| MS-10 | 73242 | | 1124 | | X | | | | | |
| MS-11 | 73243 | | 1140 | | X | | | | | |
| MS-12 | 73244 | | 1406 | | X | | | | | |
| SCV | 73245 | | 1116 | | X | | | | | |
| Chiquito Cyn Rd | 73246 | | 1346 | | X | | | | | |
| S. End Lincoln | 73247 | | 1358 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Returned Eqmt
Total cans
Unused cans
Flow Controllers

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Donalos Signature: ND | Date 3-24-25 Time | **Received By** Print: Signature: | Date 3/24/25 Time 1521 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

D/o - 17+ cans

250743

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Donatos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-01 | 73248 | 3-24-25 | 1258 | summa 1 | X | | | | | |
| MS-02 | 73249 | | 1325 | | X | | | | | |
| MS-03 | 73250 | | 1216 | | X | | | | | |
| MS-04 | 73251 | | 1312 | | X | | | | | |
| MS-05 | 73252 | | 1246 | | X | | | | | |
| Working Face | 73253 | | 1229 | | X | | | | | |
| Reaction | 73254 | | 1238 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials:
Returned Cont
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| Relinquished By | Date | Received By | Date |
|---|---|---|---|
| Print: Nathaniel Donatos | 3-24-25 | Print: H | 3/24/25 |
| Signature: ND | Time | Signature: | Time 1521 |
| Relinquished By | Date | Received By | Date |
| Print: | | Print: | |
| Signature: | Time | Signature: | Time |

# Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita [ OFF/ON ]
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 250743
REPORT DATE : 03/28/2025

On March 24, 2025, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide/Limonene analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) | Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|---|---|---|
| MS-06 | 250743-73238 | 708.5 | S. End Lincoln | 250743-73247 | 681.0 |
| MS-07 | 250743-73239 | 684.5 | MS-01 | 250743-73248 | 698.0 |
| MS-08 | 250743-73240 | 675.5 | MS-02 | 250743-73249 | 694.5 |
| MS-09 | 250743-73241 | 676.0 | MS-03 | 250743-73250 | 704.0 |
| MS-10 | 250743-73242 | 709.5 | MS-04 | 250743-73251 | 695.0 |
| MS-11 | 250743-73243 | 709.5 | MS-05 | 250743-73252 | 699.0 |
| MS-12 | 250743-73244 | 686.0 | Working Face | 250743-73253 | 698.0 |
| SCV | 250743-73245 | 704.0 | Reaction | 250743-73254 | 699.0 |
| Chiquito Cyn Rd | 250743-73246 | 674.5 | --- | --- | --- |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This Report Consists of 29 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73238 | | | | 250743-73239 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.49 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.19 | <SRL | U | 1 | 7.44 | 5.00 |
| Methanol | <SRL | U | 1 | 7.19 | <SRL | U | 1 | 7.44 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.88 | 8.38 | | 1 | 2.97 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| Acetone | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.97 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.97 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.97 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.97 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73238 | | | | 250743-73239 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.49 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.88 | <SRL | U | 1 | 2.97 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.49 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.74 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73240 | | | | 250743-73241 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.50 | | | | 1.50 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Propene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.52 | <SRL | U | 1 | 7.52 | 5.00 |
| Methanol | <SRL | U | 1 | 7.52 | <SRL | U | 1 | 7.52 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethanol | 4.16 | | 1 | 3.01 | <SRL | U | 1 | 3.01 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| Acetone | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 3.01 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 3.01 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 3.01 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 3.01 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Hexane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Benzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

**CLIENT : SCS Engineers**
**PROJECT NO : 250743**
**MATRIX : AIR**
**UNITS : PPB (v/v)**

**DATE RECEIVED : 03/24/2025**
**DATE REPORTED : 03/28/2025**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73240 | | | | 250743-73241 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.50 | | | | 1.50 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Heptane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Toluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 3.01 | <SRL | U | 1 | 3.01 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Styrene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.50 | <SRL | U | 1 | 1.50 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.75 | <SRL | U | 1 | 0.75 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 99% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73242 | | | | 250743-73243 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.17 | 5.00 |
| Methanol | <SRL | U | 1 | 7.16 | <SRL | U | 1 | 7.17 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.87 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Acetone | 3.98 | | 1 | 2.86 | 3.03 | | 1 | 2.87 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.87 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.87 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.87 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) | MS-11 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73242 | | | | 250743-73243 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.43 | | | | 1.43 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.86 | <SRL | U | 1 | 2.87 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.43 | <SRL | U | 1 | 1.43 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73244 | | | | 250743-73245 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Propene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.41 | <SRL | U | 1 | 7.22 | 5.00 |
| Methanol | <SRL | U | 1 | 7.41 | <SRL | U | 1 | 7.22 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.97 | <SRL | U | 1 | 2.89 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| Acetone | <SRL | U | 1 | 2.97 | 3.04 | | 1 | 2.89 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.97 | <SRL | U | 1 | 2.89 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.97 | <SRL | U | 1 | 2.89 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.97 | <SRL | U | 1 | 2.89 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Hexane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Benzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

**CLIENT : SCS Engineers**
**PROJECT NO : 250743**
**MATRIX : AIR**
**UNITS : PPB (v/v)**

**DATE RECEIVED : 03/24/2025**
**DATE REPORTED : 03/28/2025**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | SCV | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73244 | | | | 250743-73245 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.48 | | | | 1.44 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Heptane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Toluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.97 | <SRL | U | 1 | 2.89 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Styrene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.48 | <SRL | U | 1 | 1.44 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.74 | <SRL | U | 1 | 0.72 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73246 | | | | 250743-73247 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.51 | | | | 1.50 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Propene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.57 | <SRL | U | 1 | 7.50 | 5.00 |
| Methanol | <SRL | U | 1 | 7.57 | <SRL | U | 1 | 7.50 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethanol | 4.07 | | 1 | 3.03 | <SRL | U | 1 | 3.00 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| Acetone | <SRL | U | 1 | 3.03 | <SRL | U | 1 | 3.00 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.03 | <SRL | U | 1 | 3.00 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 3.03 | <SRL | U | 1 | 3.00 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.03 | <SRL | U | 1 | 3.00 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Hexane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Benzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Chiquito Cyn Rd | | | Sample Reporting Limit (SRL) (MRLxDF's) | S. End Lincoln | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73246 | | | | 250743-73247 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.51 | | | | 1.50 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Heptane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Toluene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 3.03 | <SRL | U | 1 | 3.00 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Styrene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.51 | <SRL | U | 1 | 1.50 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.76 | <SRL | U | 1 | 0.75 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 103% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73248 | | | | 250743-73249 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.28 | <SRL | U | 1 | 7.34 | 5.00 |
| Methanol | <SRL | U | 1 | 7.28 | <SRL | U | 1 | 7.34 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.93 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| Acetone | 3.16 | | 1 | 2.91 | <SRL | U | 1 | 2.93 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.93 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.93 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.93 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | 4.90 | | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | 4.51 | | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |

## Laboratory Analysis Report

**CLIENT : SCS Engineers**
**PROJECT NO : 250743**
**MATRIX : AIR**
**UNITS : PPB (v/v)**

**DATE RECEIVED : 03/24/2025**
**DATE REPORTED : 03/28/2025**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-01 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-02 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73248 | | | | 250743-73249 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | 1.47 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.91 | <SRL | U | 1 | 2.93 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.46 | <SRL | U | 1 | 1.47 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 91% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-04 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73250 | | | | 250743-73251 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.22 | <SRL | U | 1 | 7.32 | 5.00 |
| Methanol | <SRL | U | 1 | 7.22 | <SRL | U | 1 | 7.32 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.93 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| Acetone | 3.27 | | 1 | 2.89 | <SRL | U | 1 | 2.93 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.93 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.93 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.93 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

**CLIENT : SCS Engineers**
**PROJECT NO : 250743**
**MATRIX : AIR**
**UNITS : PPB (v/v)**

**DATE RECEIVED : 03/24/2025**
**DATE REPORTED : 03/28/2025**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-03 | | | Sample Reporting Limit (SRL) | MS-04 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73250 | | | | 250743-73251 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.44 | | | | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 2.93 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.44 | <SRL | U | 1 | 1.46 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.72 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 99% | | | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73252 | | | | 250743-73253 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.26 | <SRL | U | 1 | 7.29 | 5.00 |
| Methanol | <SRL | U | 1 | 7.26 | <SRL | U | 1 | 7.29 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.92 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| Acetone | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.92 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.92 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.92 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.92 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-05 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Working Face | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250743-73252 | | | | 250743-73253 | | | | |
| *Date Sampled* | 03/24/2025 | | | | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.45 | | | | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.90 | <SRL | U | 1 | 2.92 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 1.46 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 100% | | | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

**CLIENT : SCS Engineers**
**PROJECT NO : 250743**
**MATRIX : AIR**
**UNITS : PPB (v/v)**

**DATE RECEIVED : 03/24/2025**
**DATE REPORTED : 03/28/2025**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250743-73254 | | | | |
| *Date Sampled* | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Propene | <SRL | U | 1 | 1.46 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.73 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.73 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 7.30 | 5.00 |
| Methanol | <SRL | U | 1 | 7.30 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.73 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| Ethanol | <SRL | U | 1 | 2.92 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.73 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.46 | 1.00 |
| Acetone | 4.83 | | 1 | 2.92 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 2.92 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.73 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.46 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 2.92 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.46 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 2.92 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.73 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.73 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.46 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.73 | 0.50 |
| Hexane | <SRL | U | 1 | 0.73 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.73 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.73 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250743
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/24/2025
DATE REPORTED : 03/28/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | Reaction | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250743-73254 | | | | |
| *Date Sampled* | 03/24/2025 | | | | |
| *Date Analyzed* | 03/25/2025 | | | | |
| *Can Dilution Factor* | 1.46 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Tetrahydrofuran | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Benzene | 1.19 | | 1 | 0.73 | 0.50 |
| Carbon Tetrachloride | <SRL | U | 1 | 0.73 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.73 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.46 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.73 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.73 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.73 | 0.50 |
| Heptane | <SRL | U | 1 | 0.73 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.46 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| Toluene | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.92 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.73 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.73 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.46 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.73 | 0.50 |
| Styrene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.73 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.73 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.73 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.73 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.73 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.73 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.46 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.73 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.46 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.73 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.73 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.46 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.73 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*
*Dimethyl Sulfide via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250743**
**MATRIX : AIR**

**DATE RECEIVED : 03/24/2025**
**DATE REPORTED : 03/28/2025**
**ANALYST : RB**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Dimethyl Sulfide ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250743-73238 | 03/24/2025 | 03/25/2025 | <SRL | 1.44 | 1.0 | 94% |
| MS-07 | 250743-73239 | 03/24/2025 | 03/25/2025 | <SRL | 1.49 | 1.0 | 96% |
| MS-08 | 250743-73240 | 03/24/2025 | 03/25/2025 | <SRL | 1.50 | 1.0 | 94% |
| MS-09 | 250743-73241 | 03/24/2025 | 03/25/2025 | <SRL | 1.50 | 1.0 | 99% |
| MS-10 | 250743-73242 | 03/24/2025 | 03/25/2025 | <SRL | 1.43 | 1.0 | 97% |
| MS-11 | 250743-73243 | 03/24/2025 | 03/25/2025 | <SRL | 1.43 | 1.0 | 98% |
| MS-12 | 250743-73244 | 03/24/2025 | 03/25/2025 | <SRL | 1.48 | 1.0 | 97% |
| SCV | 250743-73245 | 03/24/2025 | 03/25/2025 | <SRL | 1.44 | 1.0 | 98% |
| Chiquito Cyn Rd | 250743-73246 | 03/24/2025 | 03/25/2025 | <SRL | 1.51 | 1.0 | 94% |
| S. End Lincoln | 250743-73247 | 03/24/2025 | 03/25/2025 | <SRL | 1.50 | 1.0 | 103% |
| MS-01 | 250743-73248 | 03/24/2025 | 03/25/2025 | <SRL | 1.46 | 1.0 | 91% |
| MS-02 | 250743-73249 | 03/24/2025 | 03/25/2025 | <SRL | 1.47 | 1.0 | 98% |
| MS-03 | 250743-73250 | 03/24/2025 | 03/25/2025 | <SRL | 1.44 | 1.0 | 99% |
| MS-04 | 250743-73251 | 03/24/2025 | 03/25/2025 | <SRL | 1.46 | 1.0 | 95% |
| MS-05 | 250743-73252 | 03/24/2025 | 03/25/2025 | <SRL | 1.45 | 1.0 | 100% |
| Working Face | 250743-73253 | 03/24/2025 | 03/25/2025 | <SRL | 1.46 | 1.0 | 98% |
| Reaction | 250743-73254 | 03/24/2025 | 03/25/2025 | <SRL | 1.46 | 1.0 | 95% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
SRL - Sample Reporting Limit



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*
*Limonene via TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250743**
**MATRIX : AIR**

**DATE RECEIVED : 03/24/2025**
**DATE REPORTED : 03/28/2025**
**ANALYST : RB**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|
| MS-06 | 250743-73238 | 03/24/2025 | 03/25/2025 | <SRL | 1.44 | 1.0 | 94% |
| MS-07 | 250743-73239 | 03/24/2025 | 03/25/2025 | <SRL | 1.49 | 1.0 | 96% |
| MS-08 | 250743-73240 | 03/24/2025 | 03/25/2025 | <SRL | 1.50 | 1.0 | 94% |
| MS-09 | 250743-73241 | 03/24/2025 | 03/25/2025 | <SRL | 1.50 | 1.0 | 99% |
| MS-10 | 250743-73242 | 03/24/2025 | 03/25/2025 | <SRL | 1.43 | 1.0 | 97% |
| MS-11 | 250743-73243 | 03/24/2025 | 03/25/2025 | <SRL | 1.43 | 1.0 | 98% |
| MS-12 | 250743-73244 | 03/24/2025 | 03/25/2025 | <SRL | 1.48 | 1.0 | 97% |
| SCV | 250743-73245 | 03/24/2025 | 03/25/2025 | <SRL | 1.44 | 1.0 | 98% |
| Chiquito Cyn Rd | 250743-73246 | 03/24/2025 | 03/25/2025 | <SRL | 1.51 | 1.0 | 94% |
| S. End Lincoln | 250743-73247 | 03/24/2025 | 03/25/2025 | <SRL | 1.50 | 1.0 | 103% |
| MS-01 | 250743-73248 | 03/24/2025 | 03/25/2025 | <SRL | 1.46 | 1.0 | 91% |
| MS-02 | 250743-73249 | 03/24/2025 | 03/25/2025 | <SRL | 1.47 | 1.0 | 98% |
| MS-03 | 250743-73250 | 03/24/2025 | 03/25/2025 | <SRL | 1.44 | 1.0 | 99% |
| MS-04 | 250743-73251 | 03/24/2025 | 03/25/2025 | <SRL | 1.46 | 1.0 | 95% |
| MS-05 | 250743-73252 | 03/24/2025 | 03/25/2025 | <SRL | 1.45 | 1.0 | 100% |
| Working Face | 250743-73253 | 03/24/2025 | 03/25/2025 | <SRL | 1.46 | 1.0 | 98% |
| Reaction | 250743-73254 | 03/24/2025 | 03/25/2025 | 1.60 | 1.46 | 1.0 | 95% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
SRL - Sample Reporting Limit



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/25/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022725-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 02/27/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.29 | 99 |
| Chlorodifluoromethane | 9.90 | 10.09 | 102 |
| Propene | 10.80 | 12.04 | 111 |
| Dichlorodifluoromethane | 10.40 | 9.83 | 95 |
| Dimethyl Ether | 10.40 | 10.39 | 100 |
| Chloromethane | 10.50 | 11.73 | 112 |
| Dichlorotetrafluoroethane | 10.30 | 9.83 | 95 |
| Vinyl Chloride | 10.70 | 10.33 | 97 |
| Acetaldehyde | 20.40 | 21.38 | 105 |
| Methanol | 23.00 | 23.79 | 103 |
| 1,3-Butadiene | 10.70 | 11.47 | 107 |
| Bromomethane | 10.40 | 10.82 | 104 |
| Chloroethane | 10.40 | 9.60 | 92 |
| Dichlorofluoromethane | 10.10 | 9.43 | 93 |
| Ethanol | 11.60 | 12.43 | 107 |
| Vinyl Bromide | 10.40 | 9.77 | 94 |
| Acrolein | 11.00 | 10.03 | 91 |
| Acetone | 10.60 | 10.23 | 97 |
| Trichlorofluoromethane | 10.50 | 10.61 | 101 |
| 2-Propanol (IPA) | 11.00 | 11.40 | 104 |
| Acrylonitrile | 11.00 | 10.89 | 99 |
| 1,1-Dichloroethene | 10.50 | 9.89 | 94 |
| Methylene Chloride (DCM) | 10.50 | 9.69 | 92 |
| TertButanol (TBA) | 11.20 | 12.31 | 110 |
| Allyl Chloride | 10.80 | 10.76 | 100 |
| Carbon Disulfide | 10.50 | 9.84 | 94 |
| Trichlorotrifluoroethane | 10.40 | 9.98 | 96 |
| trans-1,2-Dichloroethene | 10.80 | 10.13 | 94 |
| 1,1-Dichloroethane | 10.70 | 10.00 | 93 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 13.28 | 124 |
| Vinyl Acetate | 11.00 | 10.99 | 100 |
| 2-Butanone (MEK) | 10.80 | 10.35 | 96 |
| cis-1,2-Dichloroethene | 10.70 | 10.19 | 95 |
| Hexane | 10.90 | 10.90 | 100 |
| Chloroform | 10.70 | 10.16 | 95 |
| Ethyl Acetate | 10.70 | 10.96 | 102 |
| Tetrahydrofuran | 10.50 | 9.43 | 90 |
| 1,2-Dichloroethane | 10.60 | 9.78 | 92 |
| 1,1,1-Trichloroethane | 10.50 | 9.94 | 95 |
| Benzene | 10.70 | 10.36 | 97 |
| Carbon Tetrachloride | 10.30 | 9.84 | 96 |
| Cyclohexane | 10.50 | 10.51 | 100 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.07 | 94 |
| Bromodichloromethane | 10.60 | 9.83 | 93 |
| 1,4-Dioxane | 10.50 | 11.92 | 114 |
| Trichloroethene (TCE) | 10.60 | 9.65 | 91 |
| 2,2,4-Trimethylpentane | 10.50 | 10.77 | 103 |
| Methyl Methacrylate | 11.00 | 12.37 | 112 |
| Heptane | 10.50 | 11.04 | 105 |
| cis-1,3-Dichloropropene | 10.60 | 9.86 | 93 |
| 4-Methyl-2-pentanone (MiBK) | 10.60 | 12.17 | 115 |
| trans-1,3-Dichloropropene | 10.70 | 10.41 | 97 |
| 1,1,2-Trichloroethane | 10.70 | 10.36 | 97 |
| Toluene | 10.80 | 11.16 | 103 |
| 2-Hexanone (MBK) | 10.60 | 11.87 | 112 |
| Dibromochloromethane | 10.70 | 9.95 | 93 |
| 1,2-Dibromoethane | 10.70 | 9.96 | 93 |
| Tetrachloroethene (PCE) | 10.60 | 9.82 | 93 |
| Chlorobenzene | 10.80 | 9.92 | 92 |
| Ethylbenzene | 10.60 | 10.99 | 104 |
| m & p-Xylene | 21.20 | 22.57 | 106 |
| Bromoform | 10.60 | 10.15 | 96 |
| Styrene | 10.60 | 11.42 | 108 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 10.36 | 98 |
| o-Xylene | 10.60 | 11.10 | 105 |
| 1,2,3-Trichloropropane | 10.50 | 10.31 | 98 |
| Isopropylbenzene (Cumene) | 10.50 | 11.39 | 108 |
| α-Pinene | 10.10 | 11.15 | 110 |
| 2-Chlorotoluene | 10.60 | 10.83 | 102 |
| n-Propylbenzene | 10.50 | 11.50 | 110 |
| 4-Ethyltoluene | 10.40 | 11.15 | 107 |
| 1,3,5-Trimethylbenzene | 10.40 | 11.58 | 111 |
| β-Pinene | 10.90 | 11.13 | 102 |
| 1,2,4-Trimethylbenzene | 10.50 | 10.75 | 102 |
| Benzyl Chloride (a-Chlorotoluene) | 10.50 | 10.64 | 101 |
| 1,3-Dichlorobenzene | 10.50 | 10.67 | 102 |
| 1,4-Dichlorobenzene | 10.50 | 10.72 | 102 |
| Sec-ButylBenzene | 10.70 | 11.40 | 107 |
| 1,2-Dichlorobenzene | 10.70 | 10.81 | 101 |
| n-ButylBenzene | 10.50 | 10.38 | 99 |
| 1,2-Dibromo-3-Chloropropane | 10.30 | 10.06 | 98 |
| 1,2,4-Trichlorobenzene | 10.80 | 10.38 | 96 |
| Naphthalene | 10.80 | 10.79 | 100 |
| Hexachlorobutadiene | 11.00 | 10.24 | 93 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/25/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022725-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.29 | 9.24 | 99 | 98 | 0.5 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 9.89 | 9.83 | 94 | 94 | 0.6 |
| Methylene Chloride (DCM) | 0.0 | 10.50 | 9.69 | 9.82 | 92 | 94 | 1.3 |
| Benzene | 0.0 | 10.70 | 10.36 | 10.49 | 97 | 98 | 1.2 |
| Trichloroethene (TCE) | 0.0 | 10.60 | 9.65 | 9.98 | 91 | 94 | 3.4 |
| Toluene | 0.0 | 10.80 | 11.16 | 11.31 | 103 | 105 | 1.3 |
| Tetrachloroethene (PCE) | 0.0 | 10.60 | 9.82 | 9.96 | 93 | 94 | 1.4 |
| Chlorobenzene | 0.0 | 10.80 | 9.92 | 10.09 | 92 | 93 | 1.7 |
| Ethylbenzene | 0.0 | 10.60 | 10.99 | 10.98 | 104 | 104 | 0.1 |
| m & p-Xylene | 0.0 | 21.20 | 22.57 | 21.96 | 106 | 104 | 2.7 |
| o-Xylene | 0.0 | 10.60 | 11.10 | 11.42 | 105 | 108 | 2.8 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/25/2025** | **INSTRUMENT ID : GC/MS-03**
**MATRIX : High Purity He or $N_2$** | **ANALYST : RB**
**UNITS : PPB (v/v)**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 032525* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 91% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 0.5 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 2.0 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 1.0 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 1.0 |

| *Analyte Compounds (Continued)* | *MB 032525* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 1.0 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 2.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 1.0 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 1.0 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/25/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03
ANALYST : RB
DILUTION FACTOR[1] : x1.44

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250743-73238

| *Analyte Compounds* | | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|---|
| 4-BFB (surrogate standard) | | 8.87 | 8.71 | 1.8 |
| Chlorodifluoromethane | | <SRL | <SRL | *NA* |
| Propene | | <SRL | <SRL | *NA* |
| Dichlorodifluoromethane | J | 0.44 | 0.36 | 20 |
| Dimethyl Ether | | <SRL | <SRL | *NA* |
| Chloromethane | | <SRL | <SRL | *NA* |
| Dichlorotetrafluoroethane | | <SRL | <SRL | *NA* |
| Vinyl Chloride | | <SRL | <SRL | *NA* |
| Acetaldehyde | J | 1.31 | 1.92 | 38 |
| Methanol | J | 5.22 | 3.94 | 28 |
| 1,3-Butadiene | | <SRL | <SRL | *NA* |
| Bromomethane | | <SRL | <SRL | *NA* |
| Chloroethane | | <SRL | <SRL | *NA* |
| Dichlorofluoromethane | | <SRL | <SRL | *NA* |
| Ethanol | J | 1.78 | 1.99 | 11 |
| Vinyl Bromide | | <SRL | <SRL | *NA* |
| Acrolein | | <SRL | <SRL | *NA* |
| Acetone | J | 2.54 | 2.56 | 0.6 |
| Trichlorofluoromethane | | <SRL | <SRL | *NA* |
| 2-Propanol (IPA) | | <SRL | <SRL | *NA* |
| Acrylonitrile | | <SRL | <SRL | *NA* |
| 1,1-Dichloroethene | | <SRL | <SRL | *NA* |
| Methylene Chloride (DCM) | | <SRL | <SRL | *NA* |
| TertButanol (TBA) | | <SRL | <SRL | *NA* |
| Allyl Chloride | | <SRL | <SRL | *NA* |
| Carbon Disulfide | | <SRL | <SRL | *NA* |
| Trichlorotrifluoroethane | | <SRL | <SRL | *NA* |
| trans-1,2-Dichloroethene | | <SRL | <SRL | *NA* |
| 1,1-Dichloroethane | | <SRL | <SRL | *NA* |
| Methyl Tert Butyl Ether (MTBE) | | <SRL | <SRL | *NA* |
| Vinyl Acetate | | <SRL | <SRL | *NA* |
| 2-Butanone (MEK) | | <SRL | <SRL | *NA* |
| cis-1,2-Dichloroethene | | <SRL | <SRL | *NA* |
| Hexane | | <SRL | <SRL | *NA* |
| Chloroform | | <SRL | <SRL | *NA* |
| Ethyl Acetate | | <SRL | <SRL | *NA* |
| Tetrahydrofuran | | <SRL | <SRL | *NA* |
| 1,2-Dichloroethane | | <SRL | <SRL | *NA* |
| 1,1,1-Trichloroethane | | <SRL | <SRL | *NA* |
| Benzene | | <SRL | <SRL | *NA* |
| Carbon Tetrachloride | | <SRL | <SRL | *NA* |
| Cyclohexane | | <SRL | <SRL | *NA* |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | *NA* |
| Bromodichloromethane | <SRL | <SRL | *NA* |
| 1,4-Dioxane | <SRL | <SRL | *NA* |
| Trichloroethene (TCE) | <SRL | <SRL | *NA* |
| 2,2,4-Trimethylpentane | <SRL | <SRL | *NA* |
| Methyl Methacrylate | <SRL | <SRL | *NA* |
| Heptane | <SRL | <SRL | *NA* |
| cis-1,3-Dichloropropene | <SRL | <SRL | *NA* |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | *NA* |
| trans-1,3-Dichloropropene | <SRL | <SRL | *NA* |
| 1,1,2-Trichloroethane | <SRL | <SRL | *NA* |
| Toluene | <SRL | <SRL | *NA* |
| 2-Hexanone (MBK) | <SRL | <SRL | *NA* |
| Dibromochloromethane | <SRL | <SRL | *NA* |
| 1,2-Dibromoethane | <SRL | <SRL | *NA* |
| Tetrachloroethene (PCE) | <SRL | <SRL | *NA* |
| Chlorobenzene | <SRL | <SRL | *NA* |
| Ethylbenzene | <SRL | <SRL | *NA* |
| m & p-Xylene | <SRL | <SRL | *NA* |
| Bromoform | <SRL | <SRL | *NA* |
| Styrene | <SRL | <SRL | *NA* |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | *NA* |
| o-Xylene | <SRL | <SRL | *NA* |
| 1,2,3-Trichloropropane | <SRL | <SRL | *NA* |
| Isopropylbenzene (Cumene) | <SRL | <SRL | *NA* |
| α-Pinene | <SRL | <SRL | *NA* |
| 2-Chlorotoluene | <SRL | <SRL | *NA* |
| n-Propylbenzene | <SRL | <SRL | *NA* |
| 4-Ethyltoluene | <SRL | <SRL | *NA* |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | *NA* |
| β-Pinene | <SRL | <SRL | *NA* |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | *NA* |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | *NA* |
| 1,3-Dichlorobenzene | <SRL | <SRL | *NA* |
| 1,4-Dichlorobenzene | <SRL | <SRL | *NA* |
| Sec-ButylBenzene | <SRL | <SRL | *NA* |
| 1,2-Dichlorobenzene | <SRL | <SRL | *NA* |
| n-ButylBenzene | <SRL | <SRL | *NA* |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | *NA* |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | *NA* |
| Naphthalene | <SRL | <SRL | *NA* |
| Hexachlorobutadiene | <SRL | <SRL | *NA* |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

J - The result is an estimated value between the detection limit and the minimum reporting limit; shown here for duplication purposes only.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

250743

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Donatos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 73238 | ~~3-24-25~~ | 1200 | summa 1 | X | | | | | |
| MS-07 | 73239 | 3-24-25 | 1335 | | X | | | | | |
| MS-08 | 73240 | | 1418 | | X | | | | | |
| MS-09 | 73241 | | 1430 | | X | | | | | |
| MS-10 | 73242 | | 1124 | | X | | | | | |
| MS-11 | 73243 | | 1140 | | X | | | | | |
| MS-12 | 73244 | | 1406 | | X | | | | | |
| SCV | 73245 | | 1116 | | X | | | | | |
| Chiquito Cyn Rd | 73246 | | 1346 | | X | | | | | |
| S. End Lincoln | 73247 | | 1358 | | X | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Received Cont.
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

LAB USE ONLY:
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Donatos Signature: ND | Date 3-24-25 Time | **Received By** Print: Signature: | Date 3/24/25 Time 1521 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

D/o - 17x cans

250743

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ ON ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel DeVolos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | Lab ID |
|---|---|---|---|---|---|---|
| MS-01 | 73248 | 3-24-25 | 1258 | summa 1 | X | |
| MS-02 | 73249 | | 1325 | | X | |
| MS-03 | 73250 | | 1216 | | X | |
| MS-04 | 73251 | | 1312 | | X | |
| MS-05 | 73252 | | 1246 | | X | |
| Working Face | 73253 | | 1229 | | X | |
| Reaction | 73254 | | 1238 | | X | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**LAB USE ONLY**
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID
Initials
Received Cans:
Total cans:
Unused cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

**LAB USE ONLY**
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel DeVolos Signature: ND | Date 3-24-25 Time | **Received By** Print: H Signature: | Date 3/24/25 Time 1521 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250743

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003**

**AAC Project No.:**

**Client/Company Name**
SCS ENGINEERS

**Project Manager Name**
PAUL SCHAFER

**Project Name**
CHIQUITA [ OFF ]

**Project Number**
01204123.21 TASK 22

**Turnaround Time**
- ☐ Rush 24 h ☐ Same Day
- ☐ Rush 48 h ☐ 5 Days
- ☒ Rush 72 h ☐ Normal

**Sampler Name**
Print: Nathaniel Davalos
Signature: ND

**Send Report To** (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

**Send Invoice To** (Name/Email/Address)

**PO Number**

| Client Sample Name | Sample ID | Sampling Date | Sampling Time | Container Type/Qty | Analysis Requested: TO-15 EXTENDED LIST + DMS | Analysis Requested: 307.91 SULFUR | | | | LAB USE ONLY: Lab ID |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-06 | 73255 | 3-24-25 | 1200 | summa 1 | | X | | | | |
| MS-07 | 73256 | | 1335 | | | X | | | | |
| MS-08 | 73257 | | 1418 | | | X | | | | |
| MS-09 | 73258 | | 1430 | | | X | | | | |
| MS-10 | 73259 | | 1124 | | | X | | | | |
| MS-11 | 73260 | | 1140 | | | X | | | | |
| MS-12 | 73261 | | 1406 | | | X | | | | |
| SCV | 73262 | | 1116 | | | X | | | | |
| Chiquito Cyn Rd | 73263 | | 1346 | | | X | | | | |
| S. End Lincoln | 73264 | | 1358 | | | X | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

LAB USE ONLY:
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Received Cont.
Total Cans:
Unused Cans:
Flow Controllers:

**Client Notes/Special Instructions:**

**EDD?**
☐ Yes
☐ No

LAB USE ONLY:
Notes:

| | | | |
|---|---|---|---|
| **Relinquished By** Print: Nathaniel Davalos Signature: ND | Date 3-24-25 Time | **Received By** Print: Signature: | Date 3/24/25 Time 1521 |
| **Relinquished By** Print: Signature: | Date Time | **Received By** Print: Signature: | Date Time |

250743

# CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relev

**Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura,**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Client/Company Name** SCS ENGINEERS<br>**Project Manager Name** PAUL SCHAFER | **Project Name** CHIQUITA [ ON ]<br>**Project Number** 01204123.21 TASK 22 | | | | **Analysis Requested** | | | | |
| **Turnaround Time**<br>☐ Rush 24 h ☐ Same Day<br>☐ Rush 48 h ☐ 5 Days<br>☒ Rush 72 h ☐ Normal | **Sampler Name**<br>**Print:** Nathaniel Donatos<br>**Signature:** ND | | | | TO-15 ~~EXTENDED~~ EST + DMS | 307.91 SULFUR | | | |
| **Client Sample Name** | **Sample ID** | **Sampling Date** | **Sampling Time** | **Container Type/Qty** | | | | | |
| MS-01 | 73265 | 3-24-25 | 1258 | summa 1 | | X | | | |
| MS-02 | 73266 | | 1325 | | | X | | | |
| MS-03 | 73267 | | 1216 | | | X | | | |
| MS-04 | 73268 | | 1312 | | | X | | | |
| MS-05 73269 | ~~736~~ 3/24/25 | | 1246 | | | X | | | |
| Working Face | 73270 | | 1229 | | | X | | | |
| Reaction | 73271 | | 1238 | | | X | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Client Notes/Special Instructions:**

**EDD?**
☐Yes
☐No

| | | | |
|---|---|---|---|
| **Relinquished By**<br>**Print:** Nathaniel Donatos<br>**Signature:** ND | **Date** 3-24-25<br>**Time** | **Received By**<br>**Print:** #<br>**Signature:** | **Date** 3/24/25<br>**Time** 1521 |
| **Relinquished By**<br>**Print:**<br>**Signature:** | **Date**<br>**Time** | **Received By**<br>**Print:**<br>**Signature:** | **Date**<br>**Time** |

# ATTACHMENT B

# ODOR SAMPLE DATA

# Odor Samples March 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 3/3/2025 | 10:00 | Vegetation | 3/4/2025 | 9:15 AM | 1768 | Trash |
| | MS-02 | 3/3/2025 | 10:45 | Vegetation | 3/4/2025 | 1:15 PM | 1339 | Mechanical, Machine |
| | MS-03 | 3/3/2025 | 9:08 | Vegetation | 3/4/2025 | 12:30 PM | <156 | Trash, Light |
| | MS-04 | 3/3/2025 | 10:22 | Trashy, leachate | 3/4/2025 | 10:25 AM | 884 | Vegetation |
| | MS-05 | 3/3/2025 | 9:41 | Sandy, vegetation | 3/4/2025 | 9:30 AM | <156 | Plastic, Pungent |
| | Working/Active | 3/3/2025 | 9:27 | Mildly trash, sweet | 3/4/2025 | 11:10 AM | 1768 | Vegetative, Light |
| | Reaction | 3/3/2025 | 10:31 | Trash, pungent | 3/4/2025 | 10:05 AM | 2227 | Trash, Cinnamon |
| Off-Site | MS-06 | 3/3/2025 | 8:59 | Vegetation | 3/4/2025 | 12:00 PM | 884 | Vegetative, Perfume |
| | MS-07 | 3/3/2025 | 11:12 | Vegetation | 3/4/2025 | 10:40 AM | 1051 | Clean, Hints of Cinnamon |
| | MS-08 | 3/3/2025 | 11:58 | Vegetation | 3/4/2025 | 11:40 AM | 1250 | Landfill, Odorous |
| | MS-09 | 3/3/2025 | 12:09 | Clean, fresh | 3/4/2025 | 12:15 PM | 625 | Landfill |
| | MS-10 | 3/3/2025 | 8:00 | Vegetation | 3/4/2025 | 1:00 PM | 1486 | Mechanical, Industrial, Sweet |
| | MS-11 | 3/3/2025 | 8:22 | Vegetation | 3/4/2025 | 9:00 AM | 1200 | Rubber, Trash |
| | MS-12 | 3/3/2025 | 11:48 | Dirt, vegetation | 3/4/2025 | 1:35 PM | 1166 | Sweet, Fresh, Floral |
| | SCV | 3/3/2025 | 7:50 | Sweet | 3/4/2025 | 9:45 AM | 1015 | Industrial |
| | Chiquito | 3/3/2025 | 11:32 | Vegetation | 3/4/2025 | 11:25 AM | 556 | Vegetative |
| | S End Lincoln | 3/3/2025 | 11:40 | Vegetation | 3/4/2025 | 12:45 PM | 884 | Fresh, Clean, Sweet |

# Odor Samples March 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 3/10/2025 | 9:55 | Vegetation | 3/11/2025 | 10:40 AM | 884 | Trash |
| | MS-02 | 3/10/2025 | 10:35 | Vegetation | 3/11/2025 | 12:10 PM | 625 | Vegetation |
| | MS-03 | 3/10/2025 | 9:07 | Vegetation | 3/11/2025 | 9:15 AM | 703 | Vegetation |
| | MS-04 | 3/10/2025 | 10:08 | Leachate | 3/11/2025 | 12:45 PM | 556 | Trash, Vegetative |
| | MS-05 | 3/10/2025 | 9:39 | Vegetation | 3/11/2025 | 9:00 AM | 1250 | Bitter, Industrial |
| | Working/Active | 3/10/2025 | 9:25 | Trash | 3/11/2025 | 11:10 AM | 884 | Deep, Sweet, Mechanical |
| | Reaction | 3/10/2025 | 10:19 | Leachate | 3/11/2025 | 10:00 AM | 8409 | Trash, Sweet, Cinnamon |
| Off-Site | MS-06 | 3/10/2025 | 8:57 | Vegetation | 3/11/2025 | 12:20 PM | 884 | Sweet, Fruity |
| | MS-07 | 3/10/2025 | 10:49 | Vegetation | 3/11/2025 | 11:40 AM | 884 | Paint |
| | MS-08 | 3/10/2025 | 11:35 | Vegetation | 3/11/2025 | 11:50 AM | 1015 | Vegetation |
| | MS-09 | 3/10/2025 | 11:35 | Vegetation | 3/11/2025 | 9:45 AM | 669 | Waste, Trash, Burnt Popcorn |
| | MS-10 | 3/10/2025 | 8:03 | Vegetation, Breakfast | 3/11/2025 | 1:00 PM | 743 | Sweet |
| | MS-11 | 3/10/2025 | 8:26 | Cinnamon | 3/11/2025 | 12:30 PM | 884 | Sweet, Fruity |
| | MS-12 | 3/10/2025 | 11:16 | Leachate | 3/11/2025 | 10:25 AM | 2102 | Plastic |
| | SCV | 3/10/2025 | 7:51 | Vegetation, Maple | 3/11/2025 | 1:15 PM | 525 | Vegetation |
| | Chiquito | 3/10/2025 | 11:02 | Vegetation | 3/11/2025 | 9:30 AM | 625 | Industrial, Mechanical |
| | S End Lincoln | 3/10/2025 | 11:10 | Vegetation | 3/11/2025 | 11:25 AM | 1051 | Sharp, Pungent, Mechanical |

# Odor Samples March 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 3/17/2025 | 12:21 | Coffee | 3/18/2025 | 12:45 PM | 1250 | Clean, Vegetative |
| | MS-02 | 3/17/2025 | 12:57 | Vegetation | 3/18/2025 | 9:15 AM | 1468 | Clean, Fresh, Asphalt |
| | MS-03 | 3/17/2025 | 11:45 | Wet dirt, vegetation | 3/18/2025 | 1:25 PM | 701 | Vegetative |
| | MS-04 | 3/17/2025 | 12:36 | Dirt | 3/18/2025 | 12:00 PM | 1403 | Fresh, Vegetative |
| | MS-05 | 3/17/2025 | 12:10 | Sour trash | 3/18/2025 | 12:15 PM | <156 | Fresh, Industrial |
| | Working/Active | 3/17/2025 | 11:58 | Trash | 3/18/2025 | 11:15 AM | 1539 | Acidic, Electrical |
| | Reaction | 3/17/2025 | 12:46 | Leachate | 3/18/2025 | 10:10 AM | 5612 | Lightly Trash, Mustard |
| Off-Site | MS-06 | 3/17/2025 | 11:30 | Wet cement | 3/18/2025 | 9:00 AM | 1403 | Mechanical |
| | MS-07 | 3/17/2025 | 13:15 | Vegetation | 3/18/2025 | 1:00 PM | 701 | Clean, Vegetative, Sweet |
| | MS-08 | 3/17/2025 | 13:51 | Vegetation | 3/18/2025 | 10:45 AM | 787 | Earthy, Vegetative, Rubber |
| | MS-09 | 3/17/2025 | 14:10 | Vegetation | 3/18/2025 | 12:30 PM | 701 | Landfill, Metallic, Burnt |
| | MS-10 | 3/17/2025 | 10:48 | Vegetation | 3/18/2025 | 10:30 AM | 1768 | Stinky, Bitter, Paint |
| | MS-11 | 3/17/2025 | 11:15 | Wet dirt, vegetation | 3/18/2025 | 9:30 AM | 1051 | Vegetative |
| | MS-12 | 3/17/2025 | 13:40 | Vegetation | 3/18/2025 | 11:30 AM | 1486 | Clean, Vegetative |
| | SCV | 3/17/2025 | 10:40 | Vegetation | 3/18/2025 | 11:45 AM | 1486 | Paint, Industrial |
| | Chiquito | 3/17/2025 | 13:25 | Cement, dirt | 3/18/2025 | 9:45 AM | 4061 | Lightly Vegetative |
| | S End Lincoln | 3/17/2025 | 13:34 | Vegetation | 3/18/2025 | 1:10 PM | 1768 | Vegetative |

# Odor Samples March 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 3/24/2025 | 12:53 | Vegetation | 3/25/2025 | 9:30 AM | 1984 | Dirt, Vegetation |
| | MS-02 | 3/24/2025 | 13:25 | Vegetation | 3/25/2025 | 10:30 AM | 1250 | Vegetative |
| | MS-03 | 3/24/2025 | 12:16 | Vegetation | 3/25/2025 | 1:10 PM | 2500 | Vegetative |
| | MS-04 | 3/24/2025 | 13:12 | Dirt, Leachate | 3/25/2025 | 10:00 AM | 1051 | Vegetative, Decomposition |
| | MS-05 | 3/24/2025 | 12:46 | Dirt, Gas | 3/25/2025 | 12:10 PM | 1768 | Vegetative |
| | Working/Active | 3/24/2025 | 12:29 | Trash, Dirt | 3/25/2025 | 9:45 AM | 701 | Trash, Waste |
| | Reaction | 3/24/2025 | 12:38 | Leachate, Gas | 3/25/2025 | 10:50 AM | 8409 | Trash, Pungent |
| Off-Site | MS-06 | 3/24/2025 | 12:00 | Dirt | 3/25/2025 | 12:25 PM | 2973 | Stinky, Waste |
| | MS-07 | 3/24/2025 | 13:35 | Leachate | 3/25/2025 | 1:25 PM | 2102 | |
| | MS-08 | 3/24/2025 | 14:18 | Vegetation | 3/25/2025 | 10:15 AM | 625 | Petroleum, Oily |
| | MS-09 | 3/24/2025 | 14:30 | Vegetation | 3/25/2025 | 11:25 AM | 1015 | Assphalt, Tar |
| | MS-10 | 3/24/2025 | 11:24 | Vegetation | 3/25/2025 | 11:40 AM | 2030 | Vegetative, Clean |
| | MS-11 | 3/24/2025 | 11:40 | Vegetation | 3/25/2025 | 12:40 PM | 2227 | Stinky, Waste |
| | MS-12 | 3/24/2025 | 14:06 | Vegetation | 3/25/2025 | 9:00 AM | 884 | Mechanical |
| | SCV | 3/24/2025 | 11:16 | Vegetation | 3/25/2025 | 9:15 AM | 1113 | Sweet |
| | Chiquito | 3/24/2025 | 13:46 | Dirt | 3/25/2025 | 12:55 PM | 2973 | Vegetative |
| | S End Lincoln | 3/24/2025 | 13:58 | Vegetation | 3/25/2025 | 11:55 AM | 1539 | Fresh, Clean |

# Odor Samples March 2025

| Sample Name | | Sample Date | Sample Time | Notes | Analysis Date | Analysis Time | ou/m3 | Odor Characteristics |
|---|---|---|---|---|---|---|---|---|
| On-Site | MS-01 | 3/31/2025 | 12:58 | Vegetation | 4/1/2025 | 12:00pm | 2227 | mechanical, plastic |
| | MS-02 | 3/31/2025 | 13:25 | Vegetation | 4/1/2025 | 10:10am | 2500 | clean, fresh |
| | MS-03 | 3/31/2025 | 12:16 | Vegetation | 4/1/2025 | 9:25am | 3536 | stale |
| | MS-04 | 3/31/2025 | 13:12 | Dirt, leachate | 4/1/2025 | 10:20am | 1250 | vegetative, stale |
| | MS-05 | 3/31/2025 | 12:46 | Dirt, gas | 4/1/2025 | 10:00am | <156 | trash |
| | Working/Active | 3/31/2025 | 12:29 | Trash, dirt | 4/1/2025 | 11:40am | <156 | mildew, musty |
| | Reaction | 3/31/2025 | 12:38 | Leachate, gas (running generator nearby) | 4/1/2025 | 11:00am | 5612 | trash, putrid |
| Off-Site | MS-06 | 3/31/2025 | 12:00 | Dirt | 4/1/2025 | 9:00am | 442 | vegetative |
| | MS-07 | 3/31/2025 | 13:35 | Leachate | 4/1/2025 | 11:30am | 1403 | vegetative, burnt plastic |
| | MS-08 | 3/31/2025 | 14:18 | Vegetation | 4/1/2025 | 10:30am | 2227 | sweet, clean |
| | MS-09 | 3/31/2025 | 14:30 | Vegetation | 4/1/2025 | 9:40am | 1250 | plastic |
| | MS-10 | 3/31/2025 | 11:24 | Vegetation | 4/1/2025 | 12:20pm | 2500 | plastic, vegetative, burnt |
| | MS-11 | 3/31/2025 | 11:40 | Vegetation | 4/1/2025 | 9:15am | 1250 | |
| | MS-12 | 3/31/2025 | 14:06 | Vegetation | 4/1/2025 | 10:42am | 3536 | fresh, plastic |
| | SCV | 3/31/2025 | 11:16 | Vegetation | 4/1/2025 | 9:50am | <156 | |
| | Chiquito | 3/31/2025 | 13:46 | Dirt | 4/1/2025 | 11:50am | 442 | sweet, fresh |
| | S End Lincoln | 3/31/2025 | 13:58 | Vegetation | 4/1/2025 | 12:11pm | 2500 | |

# ATTACHMENT C

# WEEKLY 24-HR SAMPLE LABORATORY ANALYTICAL DATA

# Atmospheric Analysis & Consulting, Inc

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250521
REPORT DATE : 03/10/2025

On March 4, 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-07 | 250521-72105 | 498.0 |
| MS-12 | 250521-72106 | 499.5 |
| MS-08 | 250521-72107 | 359.0 |
| MS-09 | 250521-72108 | 683.0 |
| MS-10 | 250521-72109 | 429.5 |
| MS-06 | 250521-72110 | 715.5 |
| MS-11 | 250521-72111 | 420.0 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D
Technical Director

This report consists of 16 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250521
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/04/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250521-72105 | | | | 250521-72106 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.05 | | | | 2.04 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Propene | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 10.3 | <SRL | U | 1 | 10.2 | 5.00 |
| Methanol | <SRL | U | 1 | 10.3 | <SRL | U | 1 | 10.2 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Ethanol | <SRL | U | 1 | 4.10 | 4.50 | | 1 | 4.07 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| Acetone | <SRL | U | 1 | 4.10 | 4.27 | | 1 | 4.07 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.10 | <SRL | U | 1 | 4.07 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 4.10 | <SRL | U | 1 | 4.07 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.10 | <SRL | U | 1 | 4.07 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 2-Butanone (MEK) | 2.13 | | 1 | 2.05 | 4.95 | | 1 | 2.04 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Hexane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Benzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250521
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/04/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250521-72105 | | | | 250521-72106 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.05 | | | | 2.04 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Heptane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Toluene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 4.10 | <SRL | U | 1 | 4.07 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Styrene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.05 | <SRL | U | 1 | 2.04 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.03 | <SRL | U | 1 | 1.02 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 89% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250521
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/04/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250521-72107 | | | | 250521-72108 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.89 | | | | 1.50 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Propene | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.45 | 0.76 | | 1 | 0.75 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 14.5 | <SRL | U | 1 | 7.48 | 5.00 |
| Methanol | <SRL | U | 1 | 14.5 | <SRL | U | 1 | 7.48 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethanol | <SRL | U | 1 | 5.79 | 3.04 | | 1 | 2.99 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| Acetone | 8.13 | | 1 | 5.79 | 3.94 | | 1 | 2.99 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 5.79 | <SRL | U | 1 | 2.99 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 5.79 | <SRL | U | 1 | 2.99 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 5.79 | <SRL | U | 1 | 2.99 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Butanone (MEK) | 3.24 | | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Hexane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Benzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250521
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/04/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250521-72107 | | | | 250521-72108 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.89 | | | | 1.50 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Heptane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Toluene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 5.79 | <SRL | U | 1 | 2.99 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Styrene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.89 | <SRL | U | 1 | 1.50 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.45 | <SRL | U | 1 | 0.75 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 92% | | | | 94% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250521
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/04/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250521-72109 | | | | 250521-72110 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.38 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Propene | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.19 | 0.78 | | 1 | 0.71 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 11.9 | <SRL | U | 1 | 7.12 | 5.00 |
| Methanol | <SRL | U | 1 | 11.9 | <SRL | U | 1 | 7.12 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethanol | 7.61 | | 1 | 4.77 | <SRL | U | 1 | 2.85 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Acetone | 7.46 | | 1 | 4.77 | 3.45 | | 1 | 2.85 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.77 | <SRL | U | 1 | 2.85 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 4.77 | <SRL | U | 1 | 2.85 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.77 | <SRL | U | 1 | 2.85 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Hexane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Benzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250521
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/04/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250521-72109 | | | | 250521-72110 | | | | |
| *Date Sampled* | 03/03/2025 | | | | 03/03/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.38 | | | | 1.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Heptane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Toluene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 4.77 | <SRL | U | 1 | 2.85 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Styrene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.38 | <SRL | U | 1 | 1.42 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.19 | <SRL | U | 1 | 0.71 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 89% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250521
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/04/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250521-72111 | | | | |
| *Date Sampled* | 03/03/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.21 | 0.50 |
| Propene | <SRL | U | 1 | 2.42 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.21 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.21 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.21 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.21 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.21 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 12.1 | 5.00 |
| Methanol | <SRL | U | 1 | 12.1 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.21 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.21 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.21 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.21 | 0.50 |
| Ethanol | 21.5 | | 1 | 4.84 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.21 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.42 | 1.00 |
| Acetone | 8.66 | | 1 | 4.84 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.21 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.84 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.21 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.42 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 4.84 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 2.42 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.84 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.21 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.21 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.21 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.21 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.42 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.21 | 0.50 |
| Hexane | <SRL | U | 1 | 1.21 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.21 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.21 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 2.42 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.21 | 0.50 |
| Benzene | <SRL | U | 1 | 1.21 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250521
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/04/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250521-72111 | | | | |
| *Date Sampled* | 03/03/2025 | | | | |
| *Date Analyzed* | 03/07/2025 | | | | |
| *Can Dilution Factor* | 2.42 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.21 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 2.42 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.21 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.21 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.42 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.21 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.21 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.21 | 0.50 |
| Heptane | <SRL | U | 1 | 1.21 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.21 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.42 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.21 | 0.50 |
| Toluene | <SRL | U | 1 | 1.21 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 4.84 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.21 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.21 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.21 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.21 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.42 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.21 | 0.50 |
| Styrene | <SRL | U | 1 | 1.21 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.21 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.21 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.21 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.21 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.21 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.21 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.21 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.21 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 2.42 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.21 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.21 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.21 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.21 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 2.42 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.21 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.21 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.42 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.21 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 89% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*

*LIMONENE ANALYSIS VIA TICs*

CLIENT : SCS Engineers
PROJECT NUMBER : 250521
MATRIX : AIR

DATE RECEIVED : 03/04/2025
DATE REPORTED : 03/10/2025
ANALYST : RB

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 250521-72105 | 03/03/2025 | 03/07/2025 | <SRL | 2.05 | 1.0 | 1.03 | 0.5 | 89% |
| MS-12 | 250521-72106 | 03/03/2025 | 03/07/2025 | <SRL | 2.04 | 1.0 | 1.02 | 0.5 | 96% |
| MS-08 | 250521-72107 | 03/03/2025 | 03/07/2025 | <SRL | 2.89 | 1.0 | 1.45 | 0.5 | 92% |
| MS-09 | 250521-72108 | 03/03/2025 | 03/07/2025 | <SRL | 1.50 | 1.0 | 0.75 | 0.5 | 94% |
| MS-10 | 250521-72109 | 03/03/2025 | 03/07/2025 | <SRL | 2.38 | 1.0 | 1.19 | 0.5 | 89% |
| MS-06 | 250521-72110 | 03/03/2025 | 03/07/2025 | 0.85 | 1.42 | 1.0 | 0.71 | 0.5 | 96% |
| MS-11 | 250521-72111 | 03/03/2025 | 03/07/2025 | <SRL | 2.42 | 1.0 | 1.21 | 0.5 | 89% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/07/2025
MATRIX : High Purity $N_2$
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03
CALIBRATION STD ID : MS1-022725-01
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 02/27/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.67 | 103 |
| Chlorodifluoromethane | 9.90 | 9.82 | 99 |
| Propene | 10.80 | 11.92 | 110 |
| Dichlorodifluoromethane | 10.40 | 9.40 | 90 |
| Dimethyl Ether | 10.40 | 9.93 | 95 |
| Chloromethane | 10.50 | 10.93 | 104 |
| Dichlorotetrafluoroethane | 10.30 | 9.44 | 92 |
| Vinyl Chloride | 10.70 | 9.98 | 93 |
| Acetaldehyde | 20.40 | 19.75 | 97 |
| Methanol | 23.00 | 20.30 | 88 |
| 1,3-Butadiene | 10.70 | 10.08 | 94 |
| Bromomethane | 10.40 | 9.97 | 96 |
| Chloroethane | 10.40 | 9.59 | 92 |
| Dichlorofluoromethane | 10.10 | 8.95 | 89 |
| Ethanol | 11.60 | 9.06 | 78 |
| Vinyl Bromide | 10.40 | 8.88 | 85 |
| Acrolein | 11.00 | 10.04 | 91 |
| Acetone | 10.60 | 9.05 | 85 |
| Trichlorofluoromethane | 10.50 | 9.94 | 95 |
| 2-Propanol (IPA) | 11.00 | 9.19 | 84 |
| Acrylonitrile | 11.00 | 9.59 | 87 |
| 1,1-Dichloroethene | 10.50 | 9.52 | 91 |
| Methylene Chloride (DCM) | 10.50 | 9.46 | 90 |
| TertButanol (TBA) | 11.20 | 10.81 | 97 |
| Allyl Chloride | 10.80 | 10.10 | 94 |
| Carbon Disulfide | 10.50 | 9.45 | 90 |
| Trichlorotrifluoroethane | 10.40 | 9.46 | 91 |
| trans-1,2-Dichloroethene | 10.80 | 9.19 | 85 |
| 1,1-Dichloroethane | 10.70 | 9.87 | 92 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 12.27 | 115 |
| Vinyl Acetate | 11.00 | 10.87 | 99 |
| 2-Butanone (MEK) | 10.80 | 10.09 | 93 |
| cis-1,2-Dichloroethene | 10.70 | 9.61 | 90 |
| Hexane | 10.90 | 11.55 | 106 |
| Chloroform | 10.70 | 10.00 | 93 |
| Ethyl Acetate | 10.70 | 10.56 | 99 |
| Tetrahydrofuran | 10.50 | 9.52 | 91 |
| 1,2-Dichloroethane | 10.60 | 9.76 | 92 |
| 1,1,1-Trichloroethane | 10.50 | 9.68 | 92 |
| Benzene | 10.70 | 10.41 | 97 |
| Carbon Tetrachloride | 10.30 | 9.30 | 90 |
| Cyclohexane | 10.50 | 10.15 | 97 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.18 | 95 |
| Bromodichloromethane | 10.60 | 9.54 | 90 |
| 1,4-Dioxane | 10.50 | 11.35 | 108 |
| Trichloroethene (TCE) | 10.60 | 9.18 | 87 |
| 2,2,4-Trimethylpentane | 10.50 | 10.30 | 98 |
| Methyl Methacrylate | 11.00 | 11.78 | 107 |
| Heptane | 10.50 | 10.86 | 103 |
| cis-1,3-Dichloropropene | 10.60 | 9.67 | 91 |
| 4-Methyl-2-pentanone (MiBK) | 10.60 | 11.66 | 110 |
| trans-1,3-Dichloropropene | 10.70 | 10.21 | 95 |
| 1,1,2-Trichloroethane | 10.70 | 9.96 | 93 |
| Toluene | 10.80 | 10.72 | 99 |
| 2-Hexanone (MBK) | 10.60 | 10.96 | 103 |
| Dibromochloromethane | 10.70 | 9.44 | 88 |
| 1,2-Dibromoethane | 10.70 | 9.80 | 92 |
| Tetrachloroethene (PCE) | 10.60 | 9.40 | 89 |
| Chlorobenzene | 10.80 | 10.02 | 93 |
| Ethylbenzene | 10.60 | 11.18 | 105 |
| m & p-Xylene | 21.20 | 22.44 | 106 |
| Bromoform | 10.60 | 9.45 | 89 |
| Styrene | 10.60 | 11.53 | 109 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 10.57 | 100 |
| o-Xylene | 10.60 | 11.39 | 107 |
| 1,2,3-Trichloropropane | 10.50 | 9.84 | 94 |
| Isopropylbenzene (Cumene) | 10.50 | 11.25 | 107 |
| α-Pinene | 10.10 | 10.59 | 105 |
| 2-Chlorotoluene | 10.60 | 10.78 | 102 |
| n-Propylbenzene | 10.50 | 11.62 | 111 |
| 4-Ethyltoluene | 10.40 | 10.72 | 103 |
| 1,3,5-Trimethylbenzene | 10.40 | 10.70 | 103 |
| β-Pinene | 10.90 | 10.41 | 96 |
| 1,2,4-Trimethylbenzene | 10.50 | 10.63 | 101 |
| Benzyl Chloride (a-Chlorotoluene) | 10.50 | 10.53 | 100 |
| 1,3-Dichlorobenzene | 10.50 | 10.09 | 96 |
| 1,4-Dichlorobenzene | 10.50 | 10.38 | 99 |
| Sec-ButylBenzene | 10.70 | 11.45 | 107 |
| 1,2-Dichlorobenzene | 10.70 | 10.39 | 97 |
| n-ButylBenzene | 10.50 | 10.13 | 96 |
| 1,2-Dibromo-3-Chloropropane | 10.30 | 9.37 | 91 |
| 1,2,4-Trichlorobenzene | 10.80 | 9.98 | 92 |
| Naphthalene | 10.80 | 10.30 | 95 |
| Hexachlorobutadiene | 11.00 | 9.75 | 89 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/07/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022725-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.67 | 9.33 | 103 | 99 | 3.6 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 9.52 | 9.83 | 91 | 94 | 3.2 |
| Methylene Chloride (DCM) | 0.0 | 10.50 | 9.46 | 9.58 | 90 | 91 | 1.3 |
| Benzene | 0.0 | 10.70 | 10.41 | 10.54 | 97 | 99 | 1.2 |
| Trichloroethene (TCE) | 0.0 | 10.60 | 9.18 | 9.50 | 87 | 90 | 3.4 |
| Toluene | 0.0 | 10.80 | 10.72 | 11.37 | 99 | 105 | 5.9 |
| Tetrachloroethene (PCE) | 0.0 | 10.60 | 9.40 | 9.67 | 89 | 91 | 2.8 |
| Chlorobenzene | 0.0 | 10.80 | 10.02 | 10.34 | 93 | 96 | 3.1 |
| Ethylbenzene | 0.0 | 10.60 | 11.18 | 11.14 | 105 | 105 | 0.4 |
| m & p-Xylene | 0.0 | 21.20 | 22.44 | 22.26 | 106 | 105 | 0.8 |
| o-Xylene | 0.0 | 10.60 | 11.39 | 11.26 | 107 | 106 | 1.1 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/07/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 030725* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 91% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 0.5 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 030725* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 0.5 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/07/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03
ANALYST : RB
DILUTION FACTOR[1] : x2.41

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250464-71802

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 8.61 | 8.90 | 3.3 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 16.2 | 16.2 | 0.1 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 10.7 | 11.5 | 6.7 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | <SRL | <SRL | NA |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | 9.45 | 8.95 | 5.5 |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 25521

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/3-4/25 | 0700 - 0700 | 72105 | 6L Summa Canister | X | X | | | -13 HG | 002084 / 02323 |
| MS-12 | 3/3-4/25 | 0710 - 0710 | 72106 | 6L Summa Canister | X | X | | | -12 HG | 002055 / 19596 |
| MS-08 | 3/3-4/25 | 0720 - 0720 | 72107 | 6L Summa Canister | X | X | | | -13 HG | 002132 / 05097 |
| MS-09 | 3/3-4/25 | 0730 - 0730 | 72108 | 6L Summa Canister | X | X | | | -2 HG | 002066 / 19504 |
| MS-10 | 3/3-4/25 | 0745 - 0745 | 72109 | 6L Summa Canister | X | X | | | -19 HG | 002019 / 000884 |
| MS-06 | 3/3-4/25 | 0800 - 0800 | 72110 | 6L Summa Canister | X | X | | | -3 HG | 002144 / FC 76 |
| MS-11 | 3/3-4/25 | 0830 - 0830 | 72111 | 6L Summa Canister | X | X | | | -14 HG | 002082 / 03608 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 3/4/25 | 0906 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 3/4/25 | 0906 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7c can + 7c coated Entech

# CHAIN OF CUSTODY RECORD 250521

| Client/Project Name | Project Location | ANALYSES |
|---|---|---|
| SCS Engineers/ Chiquite Canyon Landfill Air/Odor Sampling | Valencia, CA | |
| **Project No.** | **Field Logbook No.** | |
| **Sampler: (Print)** D Hernandez | **(Signature)** | **No. Of Containers** 7 |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/3-4/25 | 0700 - 0700 | 72112 | 10 Liter Bag | X | | | | | |
| MS-12 | 3/3-4/25 | 0710 - 0710 | 72113 | 10 Liter Bag | X | | | | | |
| MS-08 | 3/3-4/25 | 0720 - 0720 | 72114 | 10 Liter Bag | X | | | | | |
| MS-09 | 3/3-4/25 | 0730 - 0730 | 72115 | 10 Liter Bag | X | | | | | |
| MS-10 | 3/3-4/25 | 0745 - 0745 | 72116 | 10 Liter Bag | X | | | | | |
| MS-06 | 3/3-4/25 | 0800 - 0800 | 72117 | 10 Liter Bag | X | | | | | |
| MS-11 | 3/3-4/25 | 0830 - 0830 | 72118 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 3/4/25 | 0906 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 3/4/25 | 0906 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250521
REPORT DATE : 03/07/2025

On March 4th 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) Six-Liter Silonite Canisters, and seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-07 | 250521-72105 | 498.0 | MS-07 | 250521-72112 |
| MS-12 | 250521-72106 | 499.5 | MS-12 | 250521-72113 |
| MS-08 | 250521-72107 | 359.0 | MS-08 | 250521-72114 |
| MS-09 | 250521-72108 | 683.0 | MS-09 | 250521-72115 |
| MS-10 | 250521-72109 | 429.5 | MS-10 | 250521-72116 |
| MS-06 | 250521-72110 | 715.5 | MS-06 | 250521-72117 |
| MS-11 | 250521-72111 | 420.0 | MS-11 | 250521-72118 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 9 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250521**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/03-04/2025**
**RECEIVING DATE : 03/04/2025**
**ANALYSIS DATE : 03/06/2025**
**REPORT DATE : 03/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250521-72105 | 250521-72106 | 250521-72107 | 250521-72108 |
| Canister Dil. Fac. | 2.05 | 2.04 | 2.89 | 1.50 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| COS / SO2 | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Methyl Mercaptan | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Ethyl Mercaptan | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Dimethyl Sulfide | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Carbon Disulfide | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Isopropyl Mercaptan | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| tert-Butyl Mercaptan | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| n-Propyl Mercaptan | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Methylethylsulfide | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| sec-Butyl Mercaptan / Thiophene | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| iso-Butyl Mercaptan | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Diethyl Sulfide | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| n-Butyl Mercaptan | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Dimethyl Disulfide | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| 2-Methylthiophene | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| 3-Methylthiophene | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Tetrahydrothiophene | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Bromothiophene | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Thiophenol | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Diethyl Disulfide | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Total Unidentified Sulfur | < 0.010 | < 0.010 | < 0.014 | < 0.007 |
| Total Reduced Sulfurs | < 0.010 | < 0.010 | < 0.014 | < 0.007 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250521**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/03-04/2025**
**RECEIVING DATE : 03/04/2025**
**ANALYSIS DATE : 03/06/2025**
**REPORT DATE : 03/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250521-72109 | 250521-72110 | 250521-72111 |
| Canister Dil. Fac. | 2.38 | 1.42 | 2.42 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.012 | < 0.007 | < 0.012 |
| COS / SO2 | < 0.012 | < 0.007 | < 0.012 |
| Methyl Mercaptan | < 0.012 | < 0.007 | < 0.012 |
| Ethyl Mercaptan | < 0.012 | < 0.007 | < 0.012 |
| Dimethyl Sulfide | < 0.012 | < 0.007 | < 0.012 |
| Carbon Disulfide | < 0.012 | < 0.007 | < 0.012 |
| Isopropyl Mercaptan | < 0.012 | < 0.007 | < 0.012 |
| tert-Butyl Mercaptan | < 0.012 | < 0.007 | < 0.012 |
| n-Propyl Mercaptan | < 0.012 | < 0.007 | < 0.012 |
| Methylethylsulfide | < 0.012 | < 0.007 | < 0.012 |
| sec-Butyl Mercaptan / Thiophene | < 0.012 | < 0.007 | < 0.012 |
| iso-Butyl Mercaptan | < 0.012 | < 0.007 | < 0.012 |
| Diethyl Sulfide | < 0.012 | < 0.007 | < 0.012 |
| n-Butyl Mercaptan | < 0.012 | < 0.007 | < 0.012 |
| Dimethyl Disulfide | < 0.012 | < 0.007 | < 0.012 |
| 2-Methylthiophene | < 0.012 | < 0.007 | < 0.012 |
| 3-Methylthiophene | < 0.012 | < 0.007 | < 0.012 |
| Tetrahydrothiophene | < 0.012 | < 0.007 | < 0.012 |
| Bromothiophene | < 0.012 | < 0.007 | < 0.012 |
| Thiophenol | < 0.012 | < 0.007 | < 0.012 |
| Diethyl Disulfide | < 0.012 | < 0.007 | < 0.012 |
| Total Unidentified Sulfur | < 0.012 | < 0.007 | < 0.012 |
| Total Reduced Sulfurs | < 0.012 | < 0.007 | < 0.012 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250521**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/03-04/2025**
**RECEIVING DATE : 03/04/2025**
**ANALYSIS DATE : 03/04/2025**
**REPORT DATE : 03/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250521-72112 | 250521-72113 | 250521-72114 | 250521-72115 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250521**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/03-04/2025**
**RECEIVING DATE : 03/04/2025**
**ANALYSIS DATE : 03/04/2025**
**REPORT DATE : 03/07/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250521-72116 | 250521-72117 | 250521-72118 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit . x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/4/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8136 | 0.517 | 104.6 | 5.0 |
| Duplicate | 7500 | 0.476 | 96.4 | 3.2 |
| Triplicate | 7616 | 0.484 | 97.9 | 1.7 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7731 | 0.529 | 104.3 | 4.8 |
| Duplicate | 7121 | 0.488 | 96.1 | 3.4 |
| Triplicate | 7269 | 0.498 | 98.1 | 1.4 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8174 | 0.497 | 103.5 | 4.0 |
| Duplicate | 7780 | 0.473 | 98.5 | 1.0 |
| Triplicate | 7616 | 0.463 | 96.4 | 3.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250515-72056**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250515-72056 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.239 | 0.231 | 96.8 | 93.5 | 3.4 |
| MeSH | <PQL | 0.254 | 0.230 | 0.230 | 90.6 | 90.6 | 0.0 |
| DMS | <PQL | 0.240 | 0.231 | 0.234 | 96.1 | 97.4 | 1.3 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.498 | 100.8 |
| MeSH | 0.508 | 0.492 | 96.9 |
| DMS | 0.481 | 0.473 | 98.4 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/6/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7739 | 0.491 | 99.5 | 2.3 |
| Duplicate | 8093 | 0.514 | 104.0 | 2.2 |
| Triplicate | 7929 | 0.504 | 101.9 | 0.1 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7204 | 0.493 | 97.2 | 1.0 |
| Duplicate | 7296 | 0.500 | 98.5 | 0.2 |
| Triplicate | 7334 | 0.502 | 99.0 | 0.8 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7880 | 0.479 | 99.7 | 0.2 |
| Duplicate | 7753 | 0.472 | 98.1 | 1.4 |
| Triplicate | 7965 | 0.484 | 100.8 | 1.3 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 242742-66847**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 242742-66847 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.249 | 0.247 | 100.8 | 100.0 | 0.8 |
| MeSH | <PQL | 0.254 | 0.241 | 0.252 | 95.0 | 99.3 | 4.5 |
| DMS | <PQL | 0.240 | 0.250 | 0.257 | 104.1 | 107.0 | 2.8 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.523 | 105.9 |
| MeSH | 0.508 | 0.523 | 103.1 |
| DMS | 0.481 | 0.505 | 105.1 |

***Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.***

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 25021

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** / **No. Of Containers** |
| D Hernandez | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/3-4/25 | 0700 - 0700 | 72105 | 6L Summa Canister | X | X | | | -13 HG | 002084 / 02323 |
| MS-12 | 3/3-4/25 | 0710 - 0710 | 72106 | 6L Summa Canister | X | X | | | -12 HG | 002055 / 19596 |
| MS-08 | 3/3-4/25 | 0720 - 0720 | 72107 | 6L Summa Canister | X | X | | | -13 HG | 002132 / 05097 |
| MS-09 | 3/3-4/25 | 0730 - 0730 | 72108 | 6L Summa Canister | X | X | | | -2 HG | 002066 / 19504 |
| MS-10 | 3/3-4/25 | 0745 - 0745 | 72109 | 6L Summa Canister | X | X | | | -19 HG | D02019 / 000884 |
| MS-06 | 3/3-4/25 | 0800 - 0800 | 72110 | 6L Summa Canister | X | X | | | -3 HG | 002144 / FC 76 |
| MS-11 | 3/3-4/25 | 0830 - 0830 | 72111 | 6L Summa Canister | X | X | | | -14 HG | 002082 / 03608 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 3/4/25 | 0906 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 3/4/25 | 0906 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250521

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquite Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/3-4/25 | 0700 - 0700 | 72112 | 10 Liter Bag | x | | | | | |
| MS-12 | 3/3-4/25 | 0710 - 0710 | 72113 | 10 Liter Bag | x | | | | | |
| MS-08 | 3/3-4/25 | 0720 - 0720 | 72114 | 10 Liter Bag | x | | | | | |
| MS-09 | 3/3-4/25 | 0730 - 0730 | 72115 | 10 Liter Bag | x | | | | | |
| MS-10 | 3/3-4/25 | 0745 - 0745 | 72116 | 10 Liter Bag | x | | | | | |
| MS-06 | 3/3-4/25 | 0800 - 0800 | 72117 | 10 Liter Bag | x | | | | | |
| MS-11 | 3/3-4/25 | 0830 - 0830 | 72118 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 3/4/25 | 0906 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 3/4/25 | 0906 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita Canyon Landfill Air/Odor Sampling |
| AAC PROJECT NO. | : 250584 |
| REPORT DATE | : 03/14/2025 |

On March 11, 2025, Atmospheric Analysis & Consulting, Inc. received six (6) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-12 | 250584-72428 | 421.5 |
| MS-08 | 250584-72429 | 567.0 |
| MS-09 | 250584-72430 | 555.0 |
| MS-10 | 250584-72431 | 645.5 |
| MS-06 | 250584-72432 | 554.0 |
| MS-11 | 250584-72433 | 460.5 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 14 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250584
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/11/2025
DATE REPORTED : 03/14/2025
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250584-72428 | | | | 250584-72429 | | | | |
| *Date Sampled* | 03/11/2025 | | | | 03/11/2025 | | | | |
| *Date Analyzed* | 03/13/2025 | | | | 03/13/2025 | | | | |
| *Can Dilution Factor* | 2.41 | | | | 1.79 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Propene | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 12.1 | <SRL | U | 1 | 8.97 | 5.00 |
| Methanol | <SRL | U | 1 | 12.1 | <SRL | U | 1 | 8.97 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Ethanol | 8.39 | | 1 | 4.82 | <SRL | U | 1 | 3.59 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| Acetone | <SRL | U | 1 | 4.82 | <SRL | U | 1 | 3.59 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.82 | <SRL | U | 1 | 3.59 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.82 | <SRL | U | 1 | 3.59 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Hexane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Benzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250584
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/11/2025
DATE REPORTED : 03/14/2025
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250584-72428 | | | | 250584-72429 | | | | |
| *Date Sampled* | 03/11/2025 | | | | 03/11/2025 | | | | |
| *Date Analyzed* | 03/13/2025 | | | | 03/13/2025 | | | | |
| *Can Dilution Factor* | 2.41 | | | | 1.79 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Heptane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Toluene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Styrene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| α-Pinene | <SRL | U | 1 | 2.41 | <SRL | U | 1 | 1.79 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| β-Pinene | <SRL | U | 1 | 12.1 | <SRL | U | 1 | 8.97 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| Naphthalene | <SRL | U | 1 | 4.82 | <SRL | U | 1 | 3.59 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.21 | <SRL | U | 1 | 0.90 | 0.50 |
| BFB-Surrogate Std, % Recovery | | 95% | | | | 89% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250584
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/11/2025
DATE REPORTED : 03/14/2025
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250584-72430 | | | | 250584-72431 | | | | |
| *Date Sampled* | 03/11/2025 | | | | 03/11/2025 | | | | |
| *Date Analyzed* | 03/13/2025 | | | | 03/13/2025 | | | | |
| *Can Dilution Factor* | 1.84 | | | | 1.57 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Propene | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 9.19 | <SRL | U | 1 | 7.87 | 5.00 |
| Methanol | <SRL | U | 1 | 9.19 | <SRL | U | 1 | 7.87 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.68 | <SRL | U | 1 | 3.15 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| Acetone | 7.04 | | 1 | 3.68 | <SRL | U | 1 | 3.15 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.68 | <SRL | U | 1 | 3.15 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.68 | <SRL | U | 1 | 3.15 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Hexane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Benzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250584
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/11/2025
DATE REPORTED : 03/14/2025
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250584-72430 | | | | 250584-72431 | | | | |
| *Date Sampled* | 03/11/2025 | | | | 03/11/2025 | | | | |
| *Date Analyzed* | 03/13/2025 | | | | 03/13/2025 | | | | |
| *Can Dilution Factor* | 1.84 | | | | 1.57 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Heptane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Toluene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Styrene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.84 | <SRL | U | 1 | 1.57 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| β-Pinene | <SRL | U | 1 | 9.19 | <SRL | U | 1 | 7.87 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| Naphthalene | <SRL | U | 1 | 3.68 | <SRL | U | 1 | 3.15 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 0.79 | 0.50 |
| BFB-Surrogate Std, % Recovery | | 94% | | | | 94% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250584
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/11/2025
DATE REPORTED : 03/14/2025
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250584-72432 | | | | 250584-72433 | | | | |
| *Date Sampled* | 03/11/2025 | | | | 03/11/2025 | | | | |
| *Date Analyzed* | 03/13/2025 | | | | 03/13/2025 | | | | |
| *Can Dilution Factor* | 1.83 | | | | 2.21 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Propene | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 9.17 | <SRL | U | 1 | 11.0 | 5.00 |
| Methanol | <SRL | U | 1 | 9.17 | <SRL | U | 1 | 11.0 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Ethanol | 7.96 | | 1 | 3.67 | 6.09 | | 1 | 4.41 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| Acetone | 5.32 | | 1 | 3.67 | <SRL | U | 1 | 4.41 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.67 | <SRL | U | 1 | 4.41 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Allyl Chloride | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.67 | <SRL | U | 1 | 4.41 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Hexane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Benzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250584
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/11/2025
DATE REPORTED : 03/14/2025
ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250584-72432 | | | | 250584-72433 | | | | |
| *Date Sampled* | 03/11/2025 | | | | 03/11/2025 | | | | |
| *Date Analyzed* | 03/13/2025 | | | | 03/13/2025 | | | | |
| *Can Dilution Factor* | 1.83 | | | | 2.21 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Heptane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Toluene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Styrene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.83 | <SRL | U | 1 | 2.21 | 1.00 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| β-Pinene | <SRL | U | 1 | 9.17 | <SRL | U | 1 | 11.0 | 5.00 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| Naphthalene | <SRL | U | 1 | 3.67 | <SRL | U | 1 | 4.41 | 2.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.92 | <SRL | U | 1 | 1.10 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 91% | | | | 91% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*
*LIMONENE ANALYSIS VIA TICs*

CLIENT : SCS Engineers
PROJECT NUMBER : 250584
MATRIX : AIR

DATE RECEIVED : 03/11/2025
DATE REPORTED : 03/14/2025
ANALYST : DL

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-12 | 250584-72428 | 03/11/2025 | 03/13/2025 | <SRL | 2.41 | 1.0 | 1.21 | 0.5 | 95% |
| MS-08 | 250584-72429 | 03/11/2025 | 03/13/2025 | <SRL | 1.79 | 1.0 | 0.90 | 0.5 | 89% |
| MS-09 | 250584-72430 | 03/11/2025 | 03/13/2025 | <SRL | 1.84 | 1.0 | 0.92 | 0.5 | 94% |
| MS-10 | 250584-72431 | 03/11/2025 | 03/13/2025 | <SRL | 1.57 | 1.0 | 0.79 | 0.5 | 94% |
| MS-06 | 250584-72432 | 03/11/2025 | 03/13/2025 | <SRL | 1.83 | 1.0 | 0.92 | 0.5 | 91% |
| MS-11 | 250584-72433 | 03/11/2025 | 03/13/2025 | <SRL | 2.21 | 1.0 | 1.10 | 0.5 | 91% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/13/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-031025-01**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 03/10/2025 Calibration

| *Analyte Compounds* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.38 | 100 |
| Chlorodifluoromethane | 10.20 | 9.24 | 91 |
| Propene | 10.70 | 9.76 | 91 |
| Dichlorodifluoromethane | 10.40 | 11.45 | 110 |
| Dimethyl Ether | 10.10 | 9.79 | 97 |
| Chloromethane | 10.50 | 9.98 | 95 |
| Dichlorotetrafluoroethane | 10.20 | 10.50 | 103 |
| Vinyl Chloride | 10.60 | 10.52 | 99 |
| Acetaldehyde | 20.90 | 19.17 | 92 |
| Methanol | 20.40 | 19.93 | 98 |
| 1,3-Butadiene | 10.70 | 9.98 | 93 |
| Bromomethane | 10.40 | 10.50 | 101 |
| Chloroethane | 10.40 | 9.74 | 94 |
| Dichlorofluoromethane | 10.10 | 9.80 | 97 |
| Ethanol | 11.40 | 9.40 | 82 |
| Vinyl Bromide | 10.10 | 10.18 | 101 |
| Acrolein | 10.90 | 11.50 | 106 |
| Acetone | 10.60 | 10.36 | 98 |
| Trichlorofluoromethane | 10.50 | 10.12 | 96 |
| 2-Propanol (IPA) | 11.00 | 9.68 | 88 |
| Acrylonitrile | 11.10 | 10.08 | 91 |
| 1,1-Dichloroethene | 10.50 | 10.34 | 98 |
| Methylene Chloride (DCM) | 10.40 | 10.78 | 104 |
| TertButanol (TBA) | 11.20 | 11.98 | 107 |
| Allyl Chloride | 10.20 | 9.64 | 95 |
| Carbon Disulfide | 10.50 | 10.49 | 100 |
| Trichlorotrifluoroethane | 10.30 | 9.86 | 96 |
| trans-1,2-Dichloroethene | 10.80 | 10.41 | 96 |
| 1,1-Dichloroethane | 10.70 | 10.27 | 96 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 10.84 | 101 |
| Vinyl Acetate | 11.00 | 10.60 | 96 |
| 2-Butanone (MEK) | 10.70 | 10.61 | 99 |
| cis-1,2-Dichloroethene | 10.70 | 10.32 | 96 |
| Hexane | 10.80 | 9.89 | 92 |
| Chloroform | 10.70 | 10.37 | 97 |
| Ethyl Acetate | 10.70 | 10.09 | 94 |
| Tetrahydrofuran | 10.40 | 10.55 | 101 |
| 1,2-Dichloroethane | 10.60 | 10.51 | 99 |
| 1,1,1-Trichloroethane | 10.50 | 10.23 | 97 |
| Benzene | 10.70 | 10.46 | 98 |
| Carbon Tetrachloride | 10.30 | 10.22 | 99 |
| Cyclohexane | 10.50 | 9.98 | 95 |

| *Analyte Compounds (Continued)* | *Source* [1] | *CCV* [2] | *% Recovery* [3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.59 | 99 |
| Bromodichloromethane | 10.50 | 10.63 | 101 |
| 1,4-Dioxane | 10.50 | 10.37 | 99 |
| Trichloroethene (TCE) | 10.50 | 10.53 | 100 |
| 2,2,4-Trimethylpentane | 10.10 | 9.72 | 96 |
| Methyl Methacrylate | 11.00 | 10.87 | 99 |
| Heptane | 10.50 | 10.04 | 96 |
| cis-1,3-Dichloropropene | 10.50 | 11.05 | 105 |
| 4-Methyl-2-pentanone (MiBK) | 10.50 | 10.53 | 100 |
| trans-1,3-Dichloropropene | 10.60 | 11.18 | 105 |
| 1,1,2-Trichloroethane | 10.60 | 10.80 | 102 |
| Toluene | 10.80 | 10.68 | 99 |
| 2-Hexanone (MBK) | 10.50 | 11.24 | 107 |
| Dibromochloromethane | 10.60 | 10.79 | 102 |
| 1,2-Dibromoethane | 10.60 | 11.14 | 105 |
| Tetrachloroethene (PCE) | 10.50 | 10.30 | 98 |
| Chlorobenzene | 10.80 | 10.28 | 95 |
| Ethylbenzene | 10.60 | 10.37 | 98 |
| m & p-Xylene | 21.20 | 20.35 | 96 |
| Bromoform | 10.60 | 10.27 | 97 |
| Styrene | 10.60 | 10.32 | 97 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 10.20 | 96 |
| o-Xylene | 10.60 | 9.99 | 94 |
| 1,2,3-Trichloropropane | 11.00 | 10.64 | 97 |
| Isopropylbenzene (Cumene) | 10.40 | 10.45 | 100 |
| α-Pinene | 10.80 | 10.93 | 101 |
| 2-Chlorotoluene | 10.30 | 9.77 | 95 |
| n-Propylbenzene | 10.10 | 9.50 | 94 |
| 4-Ethyltoluene | 10.40 | 9.72 | 93 |
| 1,3,5-Trimethylbenzene | 10.30 | 9.75 | 95 |
| β-Pinene | 10.90 | 12.65 | 116 |
| 1,2,4-Trimethylbenzene | 10.30 | 9.92 | 96 |
| Benzyl Chloride (a-Chlorotoluene) | 10.30 | 9.66 | 94 |
| 1,3-Dichlorobenzene | 10.30 | 10.08 | 98 |
| 1,4-Dichlorobenzene | 10.20 | 10.11 | 99 |
| Sec-ButylBenzene | 10.00 | 9.99 | 100 |
| 1,2-Dichlorobenzene | 10.40 | 10.27 | 99 |
| n-ButylBenzene | 10.20 | 9.67 | 95 |
| 1,2-Dibromo-3-Chloropropane | 10.10 | 9.64 | 95 |
| 1,2,4-Trichlorobenzene | 10.50 | 10.31 | 98 |
| Naphthalene | 10.90 | 12.58 | 115 |
| Hexachlorobutadiene | 10.80 | 10.95 | 101 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/13/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**CALIBRATION STD ID : MS1-031025-01**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.38 | 9.42 | 100 | 100 | 0.4 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 10.34 | 9.99 | 98 | 95 | 3.4 |
| Methylene Chloride (DCM) | 0.0 | 10.40 | 10.78 | 10.61 | 104 | 102 | 1.6 |
| Benzene | 0.0 | 10.70 | 10.46 | 10.30 | 98 | 96 | 1.5 |
| Trichloroethene (TCE) | 0.0 | 10.50 | 10.53 | 10.03 | 100 | 96 | 4.9 |
| Toluene | 0.0 | 10.80 | 10.68 | 10.51 | 99 | 97 | 1.6 |
| Tetrachloroethene (PCE) | 0.0 | 10.50 | 10.30 | 9.95 | 98 | 95 | 3.5 |
| Chlorobenzene | 0.0 | 10.80 | 10.28 | 10.22 | 95 | 95 | 0.6 |
| Ethylbenzene | 0.0 | 10.60 | 10.37 | 10.42 | 98 | 98 | 0.5 |
| m & p-Xylene | 0.0 | 21.20 | 20.35 | 20.47 | 96 | 97 | 0.6 |
| o-Xylene | 0.0 | 10.60 | 9.99 | 10.21 | 94 | 96 | 2.2 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/13/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**ANALYST : DL**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 031325* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 94% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 1.0 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 0.5 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 0.5 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 0.5 |

| *Analyte Compounds (Continued)* | *MB 031325* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 0.5 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 1.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 1.0 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 5.0 |
| 1,2,4-Trimethylbenzene | <RL | 0.5 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 0.5 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 2.0 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/13/2025**
**MATRIX : Air**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-04**
**ANALYST : DL**
**DILUTION FACTOR[1] : x1.44**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250589-72457

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.22 | 9.01 | 2.3 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | 1.17 | 1.00 | 16.0 |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | 30.3 | 29.1 | 4.0 |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol | 28.4 | 27.5 | 3.3 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone | 6.80 | 7.67 | 12.0 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) | 18.8 | 16.6 | 12.4 |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | 3.13 | 2.64 | 17.0 |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | 2.98 | 2.89 | 3.0 |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

# CHAIN OF CUSTODY RECORD 250584

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~MS-07~~ | ~~3/10-11/25~~ | ~~0727 - 0930~~ | ~~Do Not Analyze~~ | 6L Summa Canister | x | x | | | -30 HG | 002167 / 17590 |
| MS-12 | 3/10-11/25 | 0738 - 0740 | 72428 | 6L Summa Canister | x | x | | | -9 HG | 001997 / 19507 |
| MS-08 | 3/10-11/25 | 0754 - 0754 | 72429 | 6L Summa Canister | x | x | | | -10 HG | 001864 / 19510 |
| MS-09 | 3/10-11/25 | 0806 - 0806 | 72430 | 6L Summa Canister | x | x | | | -8 HG | 001981 / 19513 |
| MS-10 | 3/10-11/25 | 0822 - 0822 | 72431 | 6L Summa Canister | x | x | | | -4 HG | 002021 / 04132 |
| MS-06 | 3/10-11/25 | 0836 - 0836 | 72432 | 6L Summa Canister | x | x | | | -7 HG | 002150 / 19595 |
| MS-11 | 3/10-11/25 | 0900 - 0900 | 72433 | 6L Summa Canister | x | x | | | -13 HG | 001998 / 19505 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 3/11/25 | 0948 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 3/11/25 | 0948 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7x can (1 void) + 7x coozal Empties

# CHAIN OF CUSTODY RECORD 250584

| Client/Project Name SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Project Location - Valencia, CA | ANALYSES |
|---|---|---|
| Project No. | Field Logbook No. | |
| Sampler: (Print) D Hernandez | (Signature) | No. Of Containers 7 |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/10-11/25 | 0727 - 0730 | 72434 | 10 Liter Bag | X | | | | | |
| MS-12 | 3/10-11/25 | 0738 - 0740 | 72435 | 10 Liter Bag | X | | | | | |
| MS-08 | 3/10-11/25 | 0754 - 0754 | 72436 | 10 Liter Bag | X | | | | | |
| MS-09 | 3/10-11/25 | 0806 - 0806 | 72437 | 10 Liter Bag | X | | | | | |
| MS-10 | 3/10-11/25 | 0822 - 0822 | 72438 | 10 Liter Bag | X | | | | | |
| MS-06 | 3/10-11/25 | 0836 - 0836 | 72439 | 10 Liter Bag | X | | | | | |
| MS-11 | 3/10-11/25 | 0900 - 0900 | 72440 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 3/11/25 | 0948 | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| | | | | | |
| Relinquished by: (Signature) | Date | Time | Received for Laboratory: (Signature) | Date | Time |
| | | | | 3/11/25 | 0948 |
| Sample Disposal Method: | Disposed of by: (Signature) | | | Date | Time |
| | | | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita Canyon Landfill Air/Odor Sampling |
| AAC PROJECT NO. | : 250584 |
| REPORT DATE | : 03/13/2025 |

On March 11th 2025, Atmospheric Analysis & Consulting, Inc. received six (6) Six-Liter Silonite Canisters, and seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-12 | 250584-72428 | 421.5 | MS-07 | 250584-72434 |
| MS-08 | 250584-72429 | 567.0 | MS-12 | 250584-72435 |
| MS-09 | 250584-72430 | 555.0 | MS-08 | 250584-72436 |
| MS-10 | 250584-72431 | 645.5 | MS-09 | 250584-72437 |
| MS-06 | 250584-72432 | 554.0 | MS-10 | 250584-72438 |
| MS-11 | 250584-72433 | 460.5 | MS-06 | 250584-72439 |
| - | - | - | MS-11 | 250584-72440 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250584**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/10-11/2025**
**RECEIVING DATE : 03/11/2025**
**ANALYSIS DATE : 03/12/2025**
**REPORT DATE : 03/13/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-12 | MS-08 | MS-09 | MS-10 | MS-06 | MS-11 |
|---|---|---|---|---|---|---|
| AAC ID | 250584-72428 | 250584-72429 | 250584-72430 | 250584-72431 | 250584-72432 | 250584-72433 |
| Canister Dil. Fac. | 2.41 | 1.79 | 1.84 | 1.57 | 1.83 | 2.21 |
| Analyte | Result | Result | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| COS / SO2 | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Methyl Mercaptan | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Ethyl Mercaptan | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Dimethyl Sulfide | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Carbon Disulfide | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Isopropyl Mercaptan | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| tert-Butyl Mercaptan | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| n-Propyl Mercaptan | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Methylethylsulfide | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| sec-Butyl Mercaptan / Thiophene | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| iso-Butyl Mercaptan | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Diethyl Sulfide | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| n-Butyl Mercaptan | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Dimethyl Disulfide | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| 2-Methylthiophene | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| 3-Methylthiophene | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Tetrahydrothiophene | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Bromothiophene | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Thiophenol | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Diethyl Disulfide | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Total Unidentified Sulfur | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |
| Total Reduced Sulfurs | < 0.012 | < 0.009 | < 0.009 | < 0.008 | < 0.009 | < 0.011 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250584**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/10-11/2025**
**RECEIVING DATE : 03/11/2025**
**ANALYSIS DATE : 03/11/2025**
**REPORT DATE : 03/13/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250584-72434 | 250584-72435 | 250584-72436 | 250584-72437 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250584**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/10-11/2025**
**RECEIVING DATE : 03/11/2025**
**ANALYSIS DATE : 03/11/2025**
**REPORT DATE : 03/13/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250584-72438 | 250584-72439 | 250584-72440 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit . x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/11/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8108 | 0.515 | 104.2 | 0.3 |
| Duplicate | 8072 | 0.513 | 103.8 | 0.2 |
| Triplicate | 8079 | 0.513 | 103.9 | 0.1 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7717 | 0.529 | 104.2 | 0.1 |
| Duplicate | 7641 | 0.523 | 103.1 | 0.9 |
| Triplicate | 7776 | 0.533 | 104.9 | 0.8 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8289 | 0.504 | 104.9 | 0.3 |
| Duplicate | 8234 | 0.501 | 104.2 | 0.3 |
| Triplicate | 8260 | 0.502 | 104.6 | 0.0 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250583-72420**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250583-72420 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.263 | 0.259 | 106.5 | 104.9 | 1.5 |
| MeSH | <PQL | 0.254 | 0.256 | 0.256 | 100.9 | 100.9 | 0.0 |
| DMS | <PQL | 0.240 | 0.259 | 0.259 | 107.8 | 107.8 | 0.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.542 | 109.7 |
| MeSH | 0.508 | 0.553 | 109.0 |
| DMS | 0.481 | 0.525 | 109.3 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/12/2025**
**Analyst: NR**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22791 | 512 | 103.7 | 1.7 |
| Duplicate | 21754 | 489 | 99.0 | 2.9 |
| Triplicate | 22667 | 509 | 103.1 | 1.2 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 20359 | 530 | 104.4 | 0.2 |
| Duplicate | 20338 | 529 | 104.3 | 0.1 |
| Triplicate | 20254 | 527 | 103.9 | 0.3 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 22635 | 501 | 104.3 | 0.6 |
| Duplicate | 22609 | 501 | 104.2 | 0.5 |
| Triplicate | 22252 | 493 | 102.6 | 1.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250583-72414**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250583-72414 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 250.4 | 264.4 | 101.4 | 107.0 | 5.4 |
| MeSH | <PQL | 253.8 | 255.6 | 277.4 | 100.7 | 109.3 | 8.2 |
| DMS | <PQL | 240.3 | 250.6 | 262.2 | 104.3 | 109.1 | 4.5 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 519.5 | 105.2 |
| MeSH | 507.5 | 538.3 | 106.1 |
| DMS | 480.5 | 506.8 | 105.5 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250584

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~MS-07~~ | ~~3/10-11/25~~ | ~~0727 - 0730~~ | ~~Do Not Analyze~~ | 6L Summa Canister | x | x | | | -30 HG | 002167 / 17590 |
| MS-12 | 3/10-11/25 | 0738 - 0740 | 72428 | 6L Summa Canister | x | x | | | -9 HG | 001997 / 19507 |
| MS-08 | 3/10-11/25 | 0754 - 0754 | 72429 | 6L Summa Canister | x | x | | | -10 HG | 001864 / 19510 |
| MS-09 | 3/10-11/25 | 0806 - 0806 | 72430 | 6L Summa Canister | x | x | | | -8 HG | 001981 / 19513 |
| MS-10 | 3/10-11/25 | 0822 - 0822 | 72431 | 6L Summa Canister | x | x | | | -4 HG | 002021 / 04132 |
| MS-06 | 3/10-11/25 | 0836 - 0836 | 72432 | 6L Summa Canister | x | x | | | -7 HG | 002150 / 19595 |
| MS-11 | 3/10-11/25 | 0900 - 0900 | 72433 | 6L Summa Canister | x | x | | | -13 HG | 001998 / 19505 |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 3/11/25 | 0948 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 3/11/25 | 0948 |
| **Sample Disposal Method:** | | | **Disposed of by: (Signature)** | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250584

| Client/Project Name | Project Location | ANALYSES |
|---|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | -Valencia, CA | |
| **Project No.** | **Field Logbook No.** | |
| **Sampler: (Print)** D Hernandez **(Signature)** | **No. Of Containers** 7 | |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/10-11/25 | 0727-0730 | 72434 | 10 Liter Bag | X | | | | | |
| MS-12 | 3/10-11/25 | 0738-0740 | 72435 | 10 Liter Bag | X | | | | | |
| MS-08 | 3/10-11/25 | 0754-0754 | 72436 | 10 Liter Bag | X | | | | | |
| MS-09 | 3/10-11/25 | 0806-0806 | 72437 | 10 Liter Bag | X | | | | | |
| MS-10 | 3/10-11/25 | 0822-0822 | 72438 | 10 Liter Bag | X | | | | | |
| MS-06 | 3/10-11/25 | 0836-0836 | 72439 | 10 Liter Bag | X | | | | | |
| MS-11 | 3/10-11/25 | 0900-0900 | 72440 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | **Date** 3/11/25 | **Time** 0948 | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** 3/11/25 | **Time** 0946 |
| **Sample Disposal Method:** | **Disposed of by: (Signature)** | | | **Date** | **Time** |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 250670
REPORT DATE : 03/25/2025

On March 18, 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Limonene analysis via Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab ID | Return Pressure (mmHga) |
|---|---|---|
| MS-07 | 250670-72821 | 426.5 |
| MS-12 | 250670-72822 | 361.0 |
| MS-08 | 250670-72823 | 456.0 |
| MS-09 | 250670-72824 | 638.5 |
| MS-10 | 250670-72825 | 525.5 |
| MS-06 | 250670-72826 | 309.0 |
| MS-11 | 250670-72827 | 500.0 |

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of **16** pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250670
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/18/2025
DATE REPORTED : 03/25/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) | MS-12 | | | Sample Reporting Limit (SRL) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250670-72821 | | | | 250670-72822 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/21/2025 | | | | 03/21/2025 | | | | |
| *Can Dilution Factor* | 2.40 | | | | 2.85 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | (MRLxDF's) | Result | Qualifier | Analysis DF | (MRLxDF's) | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Propene | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 12.0 | <SRL | U | 1 | 14.2 | 5.00 |
| Methanol | <SRL | U | 1 | 12.0 | <SRL | U | 1 | 14.2 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Ethanol | <SRL | U | 1 | 4.79 | <SRL | U | 1 | 5.70 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| Acetone | <SRL | U | 1 | 4.79 | <SRL | U | 1 | 5.70 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.79 | <SRL | U | 1 | 5.70 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 4.79 | <SRL | U | 1 | 5.70 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.79 | <SRL | U | 1 | 5.70 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Hexane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Benzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250670
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/18/2025
DATE REPORTED : 03/25/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-07 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-12 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250670-72821 | | | | 250670-72822 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/21/2025 | | | | 03/21/2025 | | | | |
| *Can Dilution Factor* | 2.40 | | | | 2.85 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Heptane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Toluene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 4.79 | <SRL | U | 1 | 5.70 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Styrene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.40 | <SRL | U | 1 | 2.85 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.20 | <SRL | U | 1 | 1.42 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 97% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250670
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/18/2025
DATE REPORTED : 03/25/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250670-72823 | | | | 250670-72824 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/21/2025 | | | | 03/21/2025 | | | | |
| *Can Dilution Factor* | 2.25 | | | | 1.60 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Propene | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 11.2 | <SRL | U | 1 | 8.00 | 5.00 |
| Methanol | <SRL | U | 1 | 11.2 | <SRL | U | 1 | 8.00 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Ethanol | <SRL | U | 1 | 4.49 | <SRL | U | 1 | 3.20 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| Acetone | <SRL | U | 1 | 4.49 | 4.84 | | 1 | 3.20 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.49 | <SRL | U | 1 | 3.20 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 4.49 | <SRL | U | 1 | 3.20 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.49 | <SRL | U | 1 | 3.20 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Hexane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Benzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250670
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/18/2025
DATE REPORTED : 03/25/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-08 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-09 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250670-72823 | | | | 250670-72824 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/21/2025 | | | | 03/21/2025 | | | | |
| *Can Dilution Factor* | 2.25 | | | | 1.60 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Heptane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Toluene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 4.49 | <SRL | U | 1 | 3.20 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Styrene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.25 | <SRL | U | 1 | 1.60 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.12 | <SRL | U | 1 | 0.80 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 94% | | | | 96% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250670
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/18/2025
DATE REPORTED : 03/25/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250670-72825 | | | | 250670-72826 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/21/2025 | | | | 03/21/2025 | | | | |
| *Can Dilution Factor* | 1.94 | | | | 3.32 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Propene | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Chloromethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 9.72 | <SRL | U | 1 | 16.6 | 5.00 |
| Methanol | <SRL | U | 1 | 9.72 | <SRL | U | 1 | 16.6 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Bromomethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Chloroethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Ethanol | <SRL | U | 1 | 3.89 | <SRL | U | 1 | 6.64 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Acrolein | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| Acetone | <SRL | U | 1 | 3.89 | <SRL | U | 1 | 6.64 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 3.89 | <SRL | U | 1 | 6.64 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 3.89 | <SRL | U | 1 | 6.64 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 3.89 | <SRL | U | 1 | 6.64 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Hexane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Chloroform | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Benzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250670
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/18/2025
DATE REPORTED : 03/25/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-10 | | | Sample Reporting Limit (SRL) (MRLxDF's) | MS-06 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|---|---|---|---|
| *AAC ID* | 250670-72825 | | | | 250670-72826 | | | | |
| *Date Sampled* | 03/17/2025 | | | | 03/17/2025 | | | | |
| *Date Analyzed* | 03/21/2025 | | | | 03/21/2025 | | | | |
| *Can Dilution Factor* | 1.94 | | | | 3.32 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Heptane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Toluene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 3.89 | <SRL | U | 1 | 6.64 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| Bromoform | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Styrene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| o-Xylene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| α-Pinene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| β-Pinene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| Naphthalene | <SRL | U | 1 | 1.94 | <SRL | U | 1 | 3.32 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 0.97 | <SRL | U | 1 | 1.66 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 95% | | | | 107% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250670
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/18/2025
DATE REPORTED : 03/25/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250670-72827 | | | | |
| *Date Sampled* | 03/17/2025 | | | | |
| *Date Analyzed* | 03/21/2025 | | | | |
| *Can Dilution Factor* | 2.04 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Chlorodifluoromethane | <SRL | U | 1 | 1.02 | 0.50 |
| Propene | <SRL | U | 1 | 2.04 | 1.00 |
| Dichlorodifluoromethane | <SRL | U | 1 | 1.02 | 0.50 |
| Dimethyl Ether | <SRL | U | 1 | 1.02 | 0.50 |
| Chloromethane | <SRL | U | 1 | 1.02 | 0.50 |
| Dichlorotetrafluoroethane | <SRL | U | 1 | 1.02 | 0.50 |
| Vinyl Chloride | <SRL | U | 1 | 1.02 | 0.50 |
| Acetaldehyde | <SRL | U | 1 | 10.2 | 5.00 |
| Methanol | <SRL | U | 1 | 10.2 | 5.00 |
| 1,3-Butadiene | <SRL | U | 1 | 1.02 | 0.50 |
| Bromomethane | <SRL | U | 1 | 1.02 | 0.50 |
| Chloroethane | <SRL | U | 1 | 1.02 | 0.50 |
| Dichlorofluoromethane | <SRL | U | 1 | 1.02 | 0.50 |
| Ethanol | <SRL | U | 1 | 4.08 | 2.00 |
| Vinyl Bromide | <SRL | U | 1 | 1.02 | 0.50 |
| Acrolein | <SRL | U | 1 | 2.04 | 1.00 |
| Acetone | <SRL | U | 1 | 4.08 | 2.00 |
| Trichlorofluoromethane | <SRL | U | 1 | 1.02 | 0.50 |
| 2-Propanol (IPA) | <SRL | U | 1 | 4.08 | 2.00 |
| Acrylonitrile | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1-Dichloroethene | <SRL | U | 1 | 1.02 | 0.50 |
| Methylene Chloride (DCM) | <SRL | U | 1 | 2.04 | 1.00 |
| TertButanol (TBA) | <SRL | U | 1 | 4.08 | 2.00 |
| Allyl Chloride | <SRL | U | 1 | 2.04 | 1.00 |
| Carbon Disulfide | <SRL | U | 1 | 4.08 | 2.00 |
| Trichlorotrifluoroethane | <SRL | U | 1 | 1.02 | 0.50 |
| trans-1,2-Dichloroethene | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1-Dichloroethane | <SRL | U | 1 | 1.02 | 0.50 |
| Methyl Tert Butyl Ether (MTBE) | <SRL | U | 1 | 1.02 | 0.50 |
| Vinyl Acetate | <SRL | U | 1 | 1.02 | 0.50 |
| 2-Butanone (MEK) | <SRL | U | 1 | 2.04 | 1.00 |
| cis-1,2-Dichloroethene | <SRL | U | 1 | 1.02 | 0.50 |
| Hexane | <SRL | U | 1 | 1.02 | 0.50 |
| Chloroform | <SRL | U | 1 | 1.02 | 0.50 |
| Ethyl Acetate | <SRL | U | 1 | 1.02 | 0.50 |
| Tetrahydrofuran | <SRL | U | 1 | 2.04 | 1.00 |
| 1,2-Dichloroethane | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1,1-Trichloroethane | <SRL | U | 1 | 1.02 | 0.50 |
| Benzene | <SRL | U | 1 | 1.02 | 0.50 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 250670
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 03/18/2025
DATE REPORTED : 03/25/2025
ANALYST : RB

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

| *Client ID* | MS-11 | | | Sample Reporting Limit (SRL) (MRLxDF's) | Method Reporting Limit (MRL) |
|---|---|---|---|---|---|
| *AAC ID* | 250670-72827 | | | | |
| *Date Sampled* | 03/17/2025 | | | | |
| *Date Analyzed* | 03/21/2025 | | | | |
| *Can Dilution Factor* | 2.04 | | | | |
| *Compound* | Result | Qualifier | Analysis DF | | |
| Carbon Tetrachloride | <SRL | U | 1 | 1.02 | 0.50 |
| Cyclohexane | <SRL | U | 1 | 2.04 | 1.00 |
| 1,2-Dichloropropane | <SRL | U | 1 | 1.02 | 0.50 |
| Bromodichloromethane | <SRL | U | 1 | 1.02 | 0.50 |
| 1,4-Dioxane | <SRL | U | 1 | 2.04 | 1.00 |
| Trichloroethene (TCE) | <SRL | U | 1 | 1.02 | 0.50 |
| 2,2,4-Trimethylpentane | <SRL | U | 1 | 1.02 | 0.50 |
| Methyl Methacrylate | <SRL | U | 1 | 1.02 | 0.50 |
| Heptane | <SRL | U | 1 | 1.02 | 0.50 |
| cis-1,3-Dichloropropene | <SRL | U | 1 | 1.02 | 0.50 |
| 4-Methyl-2-pentanone (MiBK) | <SRL | U | 1 | 2.04 | 1.00 |
| trans-1,3-Dichloropropene | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1,2-Trichloroethane | <SRL | U | 1 | 1.02 | 0.50 |
| Toluene | <SRL | U | 1 | 1.02 | 0.50 |
| 2-Hexanone (MBK) | <SRL | U | 1 | 4.08 | 2.00 |
| Dibromochloromethane | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2-Dibromoethane | <SRL | U | 1 | 1.02 | 0.50 |
| Tetrachloroethene (PCE) | <SRL | U | 1 | 1.02 | 0.50 |
| Chlorobenzene | <SRL | U | 1 | 1.02 | 0.50 |
| Ethylbenzene | <SRL | U | 1 | 1.02 | 0.50 |
| m & p-Xylene | <SRL | U | 1 | 2.04 | 1.00 |
| Bromoform | <SRL | U | 1 | 1.02 | 0.50 |
| Styrene | <SRL | U | 1 | 1.02 | 0.50 |
| 1,1,2,2-Tetrachloroethane | <SRL | U | 1 | 1.02 | 0.50 |
| o-Xylene | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2,3-Trichloropropane | <SRL | U | 1 | 1.02 | 0.50 |
| Isopropylbenzene (Cumene) | <SRL | U | 1 | 1.02 | 0.50 |
| α-Pinene | <SRL | U | 1 | 1.02 | 0.50 |
| 2-Chlorotoluene | <SRL | U | 1 | 1.02 | 0.50 |
| n-Propylbenzene | <SRL | U | 1 | 1.02 | 0.50 |
| 4-Ethyltoluene | <SRL | U | 1 | 1.02 | 0.50 |
| 1,3,5-Trimethylbenzene | <SRL | U | 1 | 1.02 | 0.50 |
| β-Pinene | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2,4-Trimethylbenzene | <SRL | U | 1 | 2.04 | 1.00 |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | U | 1 | 1.02 | 0.50 |
| 1,3-Dichlorobenzene | <SRL | U | 1 | 1.02 | 0.50 |
| 1,4-Dichlorobenzene | <SRL | U | 1 | 1.02 | 0.50 |
| Sec-ButylBenzene | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2-Dichlorobenzene | <SRL | U | 1 | 1.02 | 0.50 |
| n-ButylBenzene | <SRL | U | 1 | 2.04 | 1.00 |
| 1,2-Dibromo-3-Chloropropane | <SRL | U | 1 | 1.02 | 0.50 |
| 1,2,4-Trichlorobenzene | <SRL | U | 1 | 1.02 | 0.50 |
| Naphthalene | <SRL | U | 1 | 2.04 | 1.00 |
| Hexachlorobutadiene | <SRL | U | 1 | 1.02 | 0.50 |
| BFB-Surrogate Std. % Recovery | | 98% | | | 70-130% |

U - Compound was not detected at or above the SRL.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Laboratory Analysis Report*
*LIMONENE ANALYSIS VIA TICs*

**CLIENT : SCS Engineers**
**PROJECT NUMBER : 250670**
**MATRIX : AIR**

**DATE RECEIVED : 03/18/2025**
**DATE REPORTED : 03/25/2025**
**ANALYST : RB**

| Client Sample ID | AAC Sample ID | Sampling Date | Analysis Date | Limonene ppb (v/v) | Canister Dilution Factor | Analysis Dilution Factor | Sample RL (RL x DF) ppb (v/v) | Method RL ppb (v/v) | BFB-Surrogate Std. % Recovery* |
|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 250670-72821 | 03/17/2025 | 03/21/2025 | <SRL | 2.40 | 1.0 | 1.20 | 0.5 | 97% |
| MS-12 | 250670-72822 | 03/17/2025 | 03/21/2025 | <SRL | 2.85 | 1.0 | 1.42 | 0.5 | 96% |
| MS-08 | 250670-72823 | 03/17/2025 | 03/21/2025 | <SRL | 2.25 | 1.0 | 1.12 | 0.5 | 94% |
| MS-09 | 250670-72824 | 03/17/2025 | 03/21/2025 | <SRL | 1.60 | 1.0 | 0.80 | 0.5 | 96% |
| MS-10 | 250670-72825 | 03/17/2025 | 03/21/2025 | <SRL | 1.94 | 1.0 | 0.97 | 0.5 | 95% |
| MS-06 | 250670-72826 | 03/17/2025 | 03/21/2025 | <SRL | 3.32 | 1.0 | 1.66 | 0.5 | 107% |
| MS-11 | 250670-72827 | 03/17/2025 | 03/21/2025 | <SRL | 2.04 | 1.0 | 1.02 | 0.5 | 98% |

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/21/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022725-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 02/27/2025 Calibration

| *Analyte Compounds* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.40 | 9.97 | 106 |
| Chlorodifluoromethane | 9.90 | 10.00 | 101 |
| Propene | 10.80 | 10.77 | 100 |
| Dichlorodifluoromethane | 10.40 | 9.73 | 94 |
| Dimethyl Ether | 10.40 | 10.21 | 98 |
| Chloromethane | 10.50 | 11.79 | 112 |
| Dichlorotetrafluoroethane | 10.30 | 9.25 | 90 |
| Vinyl Chloride | 10.70 | 10.44 | 98 |
| Acetaldehyde | 20.40 | 20.94 | 103 |
| Methanol | 23.00 | 24.49 | 106 |
| 1,3-Butadiene | 10.70 | 10.46 | 98 |
| Bromomethane | 10.40 | 10.09 | 97 |
| Chloroethane | 10.40 | 8.86 | 85 |
| Dichlorofluoromethane | 10.10 | 9.40 | 93 |
| Ethanol | 11.60 | 12.47 | 108 |
| Vinyl Bromide | 10.40 | 8.97 | 86 |
| Acrolein | 11.00 | 9.17 | 83 |
| Acetone | 10.60 | 9.76 | 92 |
| Trichlorofluoromethane | 10.50 | 10.32 | 98 |
| 2-Propanol (IPA) | 11.00 | 10.97 | 100 |
| Acrylonitrile | 11.00 | 10.50 | 95 |
| 1,1-Dichloroethene | 10.50 | 9.57 | 91 |
| Methylene Chloride (DCM) | 10.50 | 9.56 | 91 |
| TertButanol (TBA) | 11.20 | 11.46 | 102 |
| Allyl Chloride | 10.80 | 10.10 | 94 |
| Carbon Disulfide | 10.50 | 10.01 | 95 |
| Trichlorotrifluoroethane | 10.40 | 9.88 | 95 |
| trans-1,2-Dichloroethene | 10.80 | 9.84 | 91 |
| 1,1-Dichloroethane | 10.70 | 10.06 | 94 |
| Methyl Tert Butyl Ether (MTBE) | 10.70 | 11.38 | 106 |
| Vinyl Acetate | 11.00 | 10.94 | 99 |
| 2-Butanone (MEK) | 10.80 | 10.59 | 98 |
| cis-1,2-Dichloroethene | 10.70 | 9.19 | 86 |
| Hexane | 10.90 | 10.87 | 100 |
| Chloroform | 10.70 | 10.31 | 96 |
| Ethyl Acetate | 10.70 | 11.21 | 105 |
| Tetrahydrofuran | 10.50 | 9.35 | 89 |
| 1,2-Dichloroethane | 10.60 | 10.10 | 95 |
| 1,1,1-Trichloroethane | 10.50 | 10.00 | 95 |
| Benzene | 10.70 | 10.40 | 97 |
| Carbon Tetrachloride | 10.30 | 9.85 | 96 |
| Cyclohexane | 10.50 | 10.35 | 99 |

| *Analyte Compounds (Continued)* | *Source*[1] | *CCV*[2] | *% Recovery*[3] |
|---|---|---|---|
| 1,2-Dichloropropane | 10.70 | 10.03 | 94 |
| Bromodichloromethane | 10.60 | 10.23 | 97 |
| 1,4-Dioxane | 10.50 | 11.87 | 113 |
| Trichloroethene (TCE) | 10.60 | 9.58 | 90 |
| 2,2,4-Trimethylpentane | 10.50 | 11.02 | 105 |
| Methyl Methacrylate | 11.00 | 12.32 | 112 |
| Heptane | 10.50 | 11.26 | 107 |
| cis-1,3-Dichloropropene | 10.60 | 9.46 | 89 |
| 4-Methyl-2-pentanone (MiBK) | 10.60 | 12.45 | 117 |
| trans-1,3-Dichloropropene | 10.70 | 10.23 | 96 |
| 1,1,2-Trichloroethane | 10.70 | 10.48 | 98 |
| Toluene | 10.80 | 11.27 | 104 |
| 2-Hexanone (MBK) | 10.60 | 12.37 | 117 |
| Dibromochloromethane | 10.70 | 10.12 | 95 |
| 1,2-Dibromoethane | 10.70 | 10.32 | 96 |
| Tetrachloroethene (PCE) | 10.60 | 10.03 | 95 |
| Chlorobenzene | 10.80 | 10.82 | 100 |
| Ethylbenzene | 10.60 | 11.97 | 113 |
| m & p-Xylene | 21.20 | 24.23 | 114 |
| Bromoform | 10.60 | 10.78 | 102 |
| Styrene | 10.60 | 12.48 | 118 |
| 1,1,2,2-Tetrachloroethane | 10.60 | 11.41 | 108 |
| o-Xylene | 10.60 | 11.93 | 113 |
| 1,2,3-Trichloropropane | 10.50 | 11.40 | 109 |
| Isopropylbenzene (Cumene) | 10.50 | 12.24 | 117 |
| α-Pinene | 10.10 | 11.91 | 118 |
| 2-Chlorotoluene | 10.60 | 12.17 | 115 |
| n-Propylbenzene | 10.50 | 12.45 | 119 |
| 4-Ethyltoluene | 10.40 | 12.05 | 116 |
| 1,3,5-Trimethylbenzene | 10.40 | 11.79 | 113 |
| β-Pinene | 10.90 | 12.07 | 111 |
| 1,2,4-Trimethylbenzene | 10.50 | 11.53 | 110 |
| Benzyl Chloride (a-Chlorotoluene) | 10.50 | 11.49 | 109 |
| 1,3-Dichlorobenzene | 10.50 | 11.24 | 107 |
| 1,4-Dichlorobenzene | 10.50 | 11.65 | 111 |
| Sec-ButylBenzene | 10.70 | 12.70 | 119 |
| 1,2-Dichlorobenzene | 10.70 | 11.51 | 108 |
| n-ButylBenzene | 10.50 | 11.24 | 107 |
| 1,2-Dibromo-3-Chloropropane | 10.30 | 10.60 | 103 |
| 1,2,4-Trichlorobenzene | 10.80 | 10.69 | 99 |
| Naphthalene | 10.80 | 11.18 | 104 |
| Hexachlorobutadiene | 11.00 | 10.76 | 98 |

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/21/2025**
**MATRIX : High Purity $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**CALIBRATION STD ID : MS1-022725-01**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

| *System Monitoring Compounds* | *Sample Concentration* | *Spike Added* | *LCS[1] Recovery* | *LCSD[1] Recovery* | *LCS[1] % Recovery[2]* | *LCSD[1] % Recovery[2]* | *RPD[3]* |
|---|---|---|---|---|---|---|---|
| 4-BFB (surrogate standard) | 0.0 | 9.40 | 9.97 | 9.52 | 106 | 101 | 4.6 |
| 1,1-Dichloroethene | 0.0 | 10.50 | 9.57 | 8.89 | 91 | 85 | 7.4 |
| Methylene Chloride (DCM) | 0.0 | 10.50 | 9.56 | 8.91 | 91 | 85 | 7.0 |
| Benzene | 0.0 | 10.70 | 10.40 | 9.41 | 97 | 88 | 10.0 |
| Trichloroethene (TCE) | 0.0 | 10.60 | 9.58 | 8.59 | 90 | 81 | 10.9 |
| Toluene | 0.0 | 10.80 | 11.27 | 9.84 | 104 | 91 | 13.5 |
| Tetrachloroethene (PCE) | 0.0 | 10.60 | 10.03 | 8.87 | 95 | 84 | 12.3 |
| Chlorobenzene | 0.0 | 10.80 | 10.82 | 9.26 | 100 | 86 | 15.5 |
| Ethylbenzene | 0.0 | 10.60 | 11.97 | 10.34 | 113 | 98 | 14.6 |
| m & p-Xylene | 0.0 | 21.20 | 24.23 | 20.11 | 114 | 95 | 18.6 |
| o-Xylene | 0.0 | 10.60 | 11.93 | 10.30 | 113 | 97 | 14.7 |

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

**ANALYSIS DATE : 03/21/2025**
**MATRIX : High Purity He or $N_2$**
**UNITS : PPB (v/v)**

**INSTRUMENT ID : GC/MS-03**
**ANALYST : RB**

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

| *Analyte Compounds* | *MB 032125* | *Reporting Limit (RL)* |
|---|---|---|
| 4-BFB (surrogate standard) | 87% | 100±30% |
| Chlorodifluoromethane | <RL | 0.5 |
| Propene | <RL | 1.0 |
| Dichlorodifluoromethane | <RL | 0.5 |
| Dimethyl Ether | <RL | 0.5 |
| Chloromethane | <RL | 0.5 |
| Dichlorotetrafluoroethane | <RL | 0.5 |
| Vinyl Chloride | <RL | 0.5 |
| Acetaldehyde | <RL | 5.0 |
| Methanol | <RL | 5.0 |
| 1,3-Butadiene | <RL | 0.5 |
| Bromomethane | <RL | 0.5 |
| Chloroethane | <RL | 0.5 |
| Dichlorofluoromethane | <RL | 0.5 |
| Ethanol | <RL | 2.0 |
| Vinyl Bromide | <RL | 0.5 |
| Acrolein | <RL | 1.0 |
| Acetone | <RL | 2.0 |
| Trichlorofluoromethane | <RL | 0.5 |
| 2-Propanol (IPA) | <RL | 2.0 |
| Acrylonitrile | <RL | 0.5 |
| 1,1-Dichloroethene | <RL | 0.5 |
| Methylene Chloride (DCM) | <RL | 1.0 |
| TertButanol (TBA) | <RL | 2.0 |
| Allyl Chloride | <RL | 1.0 |
| Carbon Disulfide | <RL | 2.0 |
| Trichlorotrifluoroethane | <RL | 0.5 |
| trans-1,2-Dichloroethene | <RL | 0.5 |
| 1,1-Dichloroethane | <RL | 0.5 |
| Methyl Tert Butyl Ether (MTBE) | <RL | 0.5 |
| Vinyl Acetate | <RL | 0.5 |
| 2-Butanone (MEK) | <RL | 1.0 |
| cis-1,2-Dichloroethene | <RL | 0.5 |
| Hexane | <RL | 0.5 |
| Chloroform | <RL | 0.5 |
| Ethyl Acetate | <RL | 0.5 |
| Tetrahydrofuran | <RL | 1.0 |
| 1,2-Dichloroethane | <RL | 0.5 |
| 1,1,1-Trichloroethane | <RL | 0.5 |
| Benzene | <RL | 0.5 |
| Carbon Tetrachloride | <RL | 0.5 |
| Cyclohexane | <RL | 1.0 |

| *Analyte Compounds (Continued)* | *MB 032125* | *Reporting Limit (RL)* |
|---|---|---|
| 1,2-Dichloropropane | <RL | 0.5 |
| Bromodichloromethane | <RL | 0.5 |
| 1,4-Dioxane | <RL | 1.0 |
| Trichloroethene (TCE) | <RL | 0.5 |
| 2,2,4-Trimethylpentane | <RL | 0.5 |
| Methyl Methacrylate | <RL | 0.5 |
| Heptane | <RL | 0.5 |
| cis-1,3-Dichloropropene | <RL | 0.5 |
| 4-Methyl-2-pentanone (MiBK) | <RL | 1.0 |
| trans-1,3-Dichloropropene | <RL | 0.5 |
| 1,1,2-Trichloroethane | <RL | 0.5 |
| Toluene | <RL | 0.5 |
| 2-Hexanone (MBK) | <RL | 2.0 |
| Dibromochloromethane | <RL | 0.5 |
| 1,2-Dibromoethane | <RL | 0.5 |
| Tetrachloroethene (PCE) | <RL | 0.5 |
| Chlorobenzene | <RL | 0.5 |
| Ethylbenzene | <RL | 0.5 |
| m & p-Xylene | <RL | 1.0 |
| Bromoform | <RL | 0.5 |
| Styrene | <RL | 0.5 |
| 1,1,2,2-Tetrachloroethane | <RL | 0.5 |
| o-Xylene | <RL | 0.5 |
| 1,2,3-Trichloropropane | <RL | 0.5 |
| Isopropylbenzene (Cumene) | <RL | 0.5 |
| α-Pinene | <RL | 0.5 |
| 2-Chlorotoluene | <RL | 0.5 |
| n-Propylbenzene | <RL | 0.5 |
| 4-Ethyltoluene | <RL | 0.5 |
| 1,3,5-Trimethylbenzene | <RL | 0.5 |
| β-Pinene | <RL | 0.5 |
| 1,2,4-Trimethylbenzene | <RL | 1.0 |
| Benzyl Chloride (a-Chlorotoluene) | <RL | 0.5 |
| 1,3-Dichlorobenzene | <RL | 0.5 |
| 1,4-Dichlorobenzene | <RL | 0.5 |
| Sec-ButylBenzene | <RL | 0.5 |
| 1,2-Dichlorobenzene | <RL | 0.5 |
| n-ButylBenzene | <RL | 1.0 |
| 1,2-Dibromo-3-Chloropropane | <RL | 0.5 |
| 1,2,4-Trichlorobenzene | <RL | 0.5 |
| Naphthalene | <RL | 1.0 |
| Hexachlorobutadiene | <RL | 0.5 |



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 03/21/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-03
ANALYST : RB
DILUTION FACTOR[1] : x2.4

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 250670-72821

| *Analyte Compounds* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 4-BFB (surrogate standard) | 9.11 | 9.17 | 0.7 |
| Chlorodifluoromethane | <SRL | <SRL | NA |
| Propene | <SRL | <SRL | NA |
| Dichlorodifluoromethane | <SRL | <SRL | NA |
| Dimethyl Ether | <SRL | <SRL | NA |
| Chloromethane | <SRL | <SRL | NA |
| Dichlorotetrafluoroethane | <SRL | <SRL | NA |
| Vinyl Chloride | <SRL | <SRL | NA |
| Acetaldehyde | <SRL | <SRL | NA |
| Methanol | <SRL | <SRL | NA |
| 1,3-Butadiene | <SRL | <SRL | NA |
| Bromomethane | <SRL | <SRL | NA |
| Chloroethane | <SRL | <SRL | NA |
| Dichlorofluoromethane | <SRL | <SRL | NA |
| Ethanol J | 1.52 | 1.36 | 12 |
| Vinyl Bromide | <SRL | <SRL | NA |
| Acrolein | <SRL | <SRL | NA |
| Acetone J | 2.13 | 2.24 | 4.7 |
| Trichlorofluoromethane | <SRL | <SRL | NA |
| 2-Propanol (IPA) J | 0.65 | 0.56 | 14 |
| Acrylonitrile | <SRL | <SRL | NA |
| 1,1-Dichloroethene | <SRL | <SRL | NA |
| Methylene Chloride (DCM) | <SRL | <SRL | NA |
| TertButanol (TBA) | <SRL | <SRL | NA |
| Allyl Chloride | <SRL | <SRL | NA |
| Carbon Disulfide | <SRL | <SRL | NA |
| Trichlorotrifluoroethane | <SRL | <SRL | NA |
| trans-1,2-Dichloroethene | <SRL | <SRL | NA |
| 1,1-Dichloroethane | <SRL | <SRL | NA |
| Methyl Tert Butyl Ether (MTBE) | <SRL | <SRL | NA |
| Vinyl Acetate | <SRL | <SRL | NA |
| 2-Butanone (MEK) | <SRL | <SRL | NA |
| cis-1,2-Dichloroethene | <SRL | <SRL | NA |
| Hexane | <SRL | <SRL | NA |
| Chloroform | <SRL | <SRL | NA |
| Ethyl Acetate | <SRL | <SRL | NA |
| Tetrahydrofuran | <SRL | <SRL | NA |
| 1,2-Dichloroethane | <SRL | <SRL | NA |
| 1,1,1-Trichloroethane | <SRL | <SRL | NA |
| Benzene | <SRL | <SRL | NA |
| Carbon Tetrachloride | <SRL | <SRL | NA |
| Cyclohexane | <SRL | <SRL | NA |

| *Analyte Compounds (Continued)* | *Sample* | *Duplicate* | *RPD*[2] |
|---|---|---|---|
| 1,2-Dichloropropane | <SRL | <SRL | NA |
| Bromodichloromethane | <SRL | <SRL | NA |
| 1,4-Dioxane | <SRL | <SRL | NA |
| Trichloroethene (TCE) | <SRL | <SRL | NA |
| 2,2,4-Trimethylpentane | <SRL | <SRL | NA |
| Methyl Methacrylate | <SRL | <SRL | NA |
| Heptane | <SRL | <SRL | NA |
| cis-1,3-Dichloropropene | <SRL | <SRL | NA |
| 4-Methyl-2-pentanone (MiBK) | <SRL | <SRL | NA |
| trans-1,3-Dichloropropene | <SRL | <SRL | NA |
| 1,1,2-Trichloroethane | <SRL | <SRL | NA |
| Toluene | <SRL | <SRL | NA |
| 2-Hexanone (MBK) | <SRL | <SRL | NA |
| Dibromochloromethane | <SRL | <SRL | NA |
| 1,2-Dibromoethane | <SRL | <SRL | NA |
| Tetrachloroethene (PCE) | <SRL | <SRL | NA |
| Chlorobenzene | <SRL | <SRL | NA |
| Ethylbenzene | <SRL | <SRL | NA |
| m & p-Xylene | <SRL | <SRL | NA |
| Bromoform | <SRL | <SRL | NA |
| Styrene | <SRL | <SRL | NA |
| 1,1,2,2-Tetrachloroethane | <SRL | <SRL | NA |
| o-Xylene | <SRL | <SRL | NA |
| 1,2,3-Trichloropropane | <SRL | <SRL | NA |
| Isopropylbenzene (Cumene) | <SRL | <SRL | NA |
| α-Pinene | <SRL | <SRL | NA |
| 2-Chlorotoluene | <SRL | <SRL | NA |
| n-Propylbenzene | <SRL | <SRL | NA |
| 4-Ethyltoluene | <SRL | <SRL | NA |
| 1,3,5-Trimethylbenzene | <SRL | <SRL | NA |
| β-Pinene | <SRL | <SRL | NA |
| 1,2,4-Trimethylbenzene | <SRL | <SRL | NA |
| Benzyl Chloride (a-Chlorotoluene) | <SRL | <SRL | NA |
| 1,3-Dichlorobenzene | <SRL | <SRL | NA |
| 1,4-Dichlorobenzene | <SRL | <SRL | NA |
| Sec-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dichlorobenzene | <SRL | <SRL | NA |
| n-ButylBenzene | <SRL | <SRL | NA |
| 1,2-Dibromo-3-Chloropropane | <SRL | <SRL | NA |
| 1,2,4-Trichlorobenzene | <SRL | <SRL | NA |
| Naphthalene | <SRL | <SRL | NA |
| Hexachlorobutadiene | <SRL | <SRL | NA |

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

J - The result is an estimated value between the detection limit and the minimum reporting limit; shown here for duplication purposes only.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250670

| Client/Project Name SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Project Location Valencia, CA |
|---|---|
| Project No. | Field Logbook No. |
| Sampler: (Print) D Hernandez | (Signature) |
| No. Of Containers 7 | |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/17-18/25 | 0700 - 0700 | 72821 | 6L Summa Canister | x | x | | | -15 HG | 002113 / 19596 |
| MS-12 | 3/17-18/25 | 0710 - 0710 | 72822 | 6L Summa Canister | x | x | | | -18 HG | 002155 / 04976 |
| MS-08 | 3/17-18/25 | 0720 - 0720 | 72823 | 6L Summa Canister | x | x | | | -14 HG | 002158 / 03608 |
| MS-09 | 3/17-18/25 | 0730 - 0730 | 72824 | 6L Summa Canister | x | x | | | -7 HG | 002024 / 03305 |
| MS-10 | 3/17-18/25 | 0745 - 0745 | 72825 | 6L Summa Canister | x | x | | | -11 HG | 002169 / 000882 |
| MS-06 | 3/17-18/25 | 0800 - 0800 | 72826 | 6L Summa Canister | x | x | | | -18 HG | 001928 / 000883 |
| MS-11 | 3/17-18/25 | 0820 - 0820 | 72827 | 6L Summa Canister | x | x | | | -8 HG | 001960 / 05443 |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 3/18/25 | 0920 | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| Relinquished by: (Signature) | Date | Time | Received for Laboratory: (Signature) | Date 3/19/25 | Time 0921 |
| Sample Disposal Method: | | | Disposed of by: (Signature) | Date | Time |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

7x ovs + 7x coated Evitechs

# CHAIN OF CUSTODY RECORD 250670

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** / **(Signature)** | **No. Of Containers** |
| D Hernandez | 7 |

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/17-18/25 | 0700 - 0700 | 72828 | 10 Liter Bag | x | | | | | |
| MS-12 | 3/17-18/25 | 0710 - 0710 | 72829 | 10 Liter Bag | x | | | | | |
| MS-08 | 3/17-18/25 | 0720 - 0720 | 72830 | 10 Liter Bag | x | | | | | |
| MS-09 | 3/17-18/25 | 0730 - 0730 | 72831 | 10 Liter Bag | x | | | | | |
| MS-10 | 3/17-18/25 | 0745 - 0745 | 72832 | 10 Liter Bag | x | | | | | |
| MS-06 | 3/17-18/25 | 0800 - 0800 | 72833 | 10 Liter Bag | x | | | | | |
| MS-11 | 3/17-18/25 | 0820 - 0820 | 72834 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 3/18/25 | 0920 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 3/18/25 | 0921 |

| Sample Disposal Method: | Disposed of by: (Signature) | Date | Time |
|---|---|---|---|
| | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Atmospheric Analysis & Consulting, Inc

| | | |
|---|---|---|
| CLIENT | : | SCS Engineers |
| PROJECT NAME | : | Chiquita Canyon Landfill Air/Odor Sampling |
| AAC PROJECT NO. | : | 250670 |
| REPORT DATE | : | 03/20/2025 |

On March 18, 2024, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags and seven (7) Six-Liter Summa Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. | Return Pressure (mmHg) | Client ID | Lab No. |
|---|---|---|---|---|
| MS-07 | 250670-72821 | 426.5 | MS-07 | 250670-72828 |
| MS-12 | 250670-72822 | 361.0 | MS-12 | 250670-72829 |
| MS-08 | 250670-72823 | 456.0 | MS-08 | 250670-72830 |
| MS-09 | 250670-72824 | 638.5 | MS-09 | 250670-72831 |
| MS-10 | 250670-72825 | 525.5 | MS-10 | 250670-72832 |
| MS-06 | 250670-72826 | 309.0 | MS-06 | 250670-72833 |
| MS-11 | 250670-72827 | 500.0 | MS-11 | 250670-72834 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 9 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250670**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/17-18/2025**
**RECEIVING DATE : 03/18/2025**
**ANALYSIS DATE : 03/18/2025**
**REPORT DATE : 03/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 |
|---|---|---|---|
| AAC ID | 250670-72821 | 250670-72822 | 250670-72823 |
| Canister Dil. Fac. | 2.4 | 2.8 | 2.2 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.012 | < 0.014 | < 0.011 |
| COS / SO2 | < 0.012 | < 0.014 | < 0.011 |
| Methyl Mercaptan | < 0.012 | < 0.014 | < 0.011 |
| Ethyl Mercaptan | < 0.012 | < 0.014 | < 0.011 |
| Dimethyl Sulfide | < 0.012 | < 0.014 | < 0.011 |
| Carbon Disulfide | < 0.012 | < 0.014 | < 0.011 |
| Isopropyl Mercaptan | < 0.012 | < 0.014 | < 0.011 |
| tert-Butyl Mercaptan | < 0.012 | < 0.014 | < 0.011 |
| n-Propyl Mercaptan | < 0.012 | < 0.014 | < 0.011 |
| Methylethylsulfide | < 0.012 | < 0.014 | < 0.011 |
| sec-Butyl Mercaptan / Thiophene | < 0.012 | < 0.014 | < 0.011 |
| iso-Butyl Mercaptan | < 0.012 | < 0.014 | < 0.011 |
| Diethyl Sulfide | < 0.012 | < 0.014 | < 0.011 |
| n-Butyl Mercaptan | < 0.012 | < 0.014 | < 0.011 |
| Dimethyl Disulfide | < 0.012 | < 0.014 | < 0.011 |
| 2-Methylthiophene | < 0.012 | < 0.014 | < 0.011 |
| 3-Methylthiophene | < 0.012 | < 0.014 | < 0.011 |
| Tetrahydrothiophene | < 0.012 | < 0.014 | < 0.011 |
| Bromothiophene | < 0.012 | < 0.014 | < 0.011 |
| Thiophenol | < 0.012 | < 0.014 | < 0.011 |
| Diethyl Disulfide | < 0.012 | < 0.014 | < 0.011 |
| Total Unidentified Sulfur | < 0.012 | < 0.014 | < 0.011 |
| Total Reduced Sulfurs | < 0.012 | < 0.014 | < 0.011 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250670**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/17-18/2025**
**RECEIVING DATE : 03/18/2025**
**ANALYSIS DATE : 03/18/2025**
**REPORT DATE : 03/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-09 | MS-10 | MS-06 | MS-11 |
|---|---|---|---|---|
| AAC ID | 250670-72824 | 250670-72825 | 250670-72826 | 250670-72827 |
| Canister Dil. Fac. | 1.6 | 1.9 | 3.3 | 2.0 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| COS / SO2 | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Methyl Mercaptan | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Ethyl Mercaptan | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Dimethyl Sulfide | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Carbon Disulfide | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Isopropyl Mercaptan | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| tert-Butyl Mercaptan | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| n-Propyl Mercaptan | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Methylethylsulfide | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| sec-Butyl Mercaptan / Thiophene | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| iso-Butyl Mercaptan | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Diethyl Sulfide | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| n-Butyl Mercaptan | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Dimethyl Disulfide | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| 2-Methylthiophene | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| 3-Methylthiophene | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Tetrahydrothiophene | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Bromothiophene | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Thiophenol | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Diethyl Disulfide | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Total Unidentified Sulfur | < 0.008 | < 0.010 | < 0.017 | < 0.010 |
| Total Reduced Sulfurs | < 0.008 | < 0.010 | < 0.017 | < 0.010 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250670**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/17-18/2025**
**RECEIVING DATE : 03/18/2025**
**ANALYSIS DATE : 03/18/2025**
**REPORT DATE : 03/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 |
|---|---|---|---|
| AAC ID | 250670-72828 | 250670-72829 | 250670-72830 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250670**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/17-18/2025**
**RECEIVING DATE : 03/18/2025**
**ANALYSIS DATE : 03/18/2025**
**REPORT DATE : 03/20/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-09 | MS-10 | MS-06 | MS-11 |
|---|---|---|---|---|
| AAC ID | 250670-72831 | 250670-72832 | 250670-72833 | 250670-72834 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/18/2025**
**Analyst: SS**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7930 | 0.504 | 101.9 | 0.7 |
| Duplicate | 7894 | 0.501 | 101.5 | 1.2 |
| Triplicate | 8140 | 0.517 | 104.6 | 1.9 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7361 | 0.504 | 99.3 | 3.0 |
| Duplicate | 7715 | 0.528 | 104.1 | 1.7 |
| Triplicate | 7685 | 0.526 | 103.7 | 1.3 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8025 | 0.488 | 101.6 | 1.1 |
| Duplicate | 8183 | 0.498 | 103.6 | 0.8 |
| Triplicate | 8141 | 0.495 | 103.0 | 0.3 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250668-72809**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250668-72809 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.242 | 0.231 | 98.0 | 93.5 | 4.7 |
| MeSH | <PQL | 0.254 | 0.259 | 0.243 | 102.1 | 95.8 | 6.4 |
| DMS | <PQL | 0.240 | 0.256 | 0.250 | 106.6 | 104.1 | 2.4 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.487 | 98.6 |
| MeSH | 0.508 | 0.508 | 100.1 |
| DMS | 0.481 | 0.495 | 103.0 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/18/2025**
**Analyst: SS**
**Units: ppbV**

**Instrument ID : SCD#10**
**Calb. Date: : 02/10/25**

**Opening Calibration Verification Standard**

*494.0 ppbV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21584 | 485 | 98.2 | 0.4 |
| Duplicate | 21092 | 474 | 95.9 | 1.9 |
| Triplicate | 21840 | 491 | 99.3 | 1.6 |

*507.5 ppbV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 19052 | 496 | 97.7 | 1.9 |
| Duplicate | 19234 | 501 | 98.6 | 0.9 |
| Triplicate | 19969 | 520 | 102.4 | 2.8 |

*480.5 ppbV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 21503 | 476 | 99.1 | 0.3 |
| Duplicate | 21593 | 478 | 99.5 | 0.2 |
| Triplicate | 21581 | 478 | 99.5 | 0.1 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250668-72806**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.0 | 0.0 |
| MeSH | <PQL | <PQL | 0.0 | 0.0 |
| DMS | <PQL | <PQL | 0.0 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250668-72806 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 247.0 | 226.6 | 242.7 | 91.7 | 98.2 | 6.9 |
| MeSH | <PQL | 253.8 | 232.2 | 253.5 | 91.5 | 99.9 | 8.8 |
| DMS | <PQL | 240.3 | 242.7 | 252.7 | 101.0 | 105.2 | 4.0 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 494.0 | 449.3 | 91.0 |
| MeSH | 507.5 | 487.3 | 96.0 |
| DMS | 480.5 | 486.0 | 101.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
*PQL = 50.0 ppbV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250670

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | Extended List TO-15 | | | End Pressure | Remarks Canister / Controller |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/17-18/25 | 0700 - 0700 | 72821 | 6L Summa Canister | x | x | | | -15 Hg | 002113 / 19596 |
| MS-12 | 3/17-18/25 | 0710 - 0710 | 72822 | 6L Summa Canister | x | x | | | -18 Hg | 002155 / 04976 |
| MS-08 | 3/17-18/25 | 0720 - 0720 | 72823 | 6L Summa Canister | x | x | | | -14 Hg | 002158 / 03608 |
| MS-09 | 3/17-18/25 | 0730 - 0730 | 72824 | 6L Summa Canister | x | x | | | -7 Hg | 002024 / 03305 |
| MS-10 | 3/17-18/25 | 0745 - 0745 | 72825 | 6L Summa Canister | x | x | | | -11 Hg | 002169 / 000882 |
| MS-06 | 3/17-18/25 | 0800 - 0800 | 72826 | 6L Summa Canister | x | x | | | -18 Hg | 001928 / 000883 |
| MS-11 | 3/17-18/25 | 0820 - 0820 | 72827 | 6L Summa Canister | x | x | | | -8 Hg | 001960 / 05443 |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 3/18/25 | 0920 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 3/19/25 | 0921 |

**Sample Disposal Method:**

**Disposed of by: (Signature)** — **Date** — **Time**

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# CHAIN OF CUSTODY RECORD 250670

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |

**ANALYSES**

| Sampler: (Print) | (Signature) | No. Of Containers |
|---|---|---|
| D Hernandez | | 7 |

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/17-18/25 | 0700 - 0700 | 72828 | 10 Liter Bag | X | | | | | |
| MS-12 | 3/17-18/25 | 0710 - 0710 | 72829 | 10 Liter Bag | X | | | | | |
| MS-08 | 3/17-18/25 | 0720 - 0720 | 72830 | 10 Liter Bag | X | | | | | |
| MS-09 | 3/17-18/25 | 0730 - 0730 | 72831 | 10 Liter Bag | X | | | | | |
| MS-10 | 3/17-18/25 | 0745 - 0745 | 72832 | 10 Liter Bag | X | | | | | |
| MS-06 | 3/17-18/25 | 0800 - 0800 | 72833 | 10 Liter Bag | X | | | | | |
| MS-11 | 3/17-18/25 | 0820 - 0820 | 72834 | 10 Liter Bag | X | | | | | |
| | | | | | | | | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 3/18/25 | 0920 | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received by: (Signature)** | **Date** | **Time** |
| | | | | | |
| **Relinquished by: (Signature)** | **Date** | **Time** | **Received for Laboratory: (Signature)** | **Date** | **Time** |
| | | | | 3/18/25 | 0921 |

| Sample Disposal Method: | Disposed of by: (Signature) | Date | Time |
|---|---|---|---|
| | | | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 529643
Report Level : II
Report Date : 04/01/2025

**Analytical Report** *prepared for:*

Raymond Huff
SCS Engineers - Long Beach
3900 Kilroy Airport Way
Suite 100
Long Beach, CA 90806

Project: CHIQUITA WEEKLY AIR - Chiquita Canyon Landfill Air/Odor Sampling

*Authorized for release by:*



David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

# Sample Summary

| | | |
|---|---|---|
| Raymond Huff<br>SCS Engineers - Long Beach<br>3900 Kilroy Airport Way<br>Suite 100<br>Long Beach, CA 90806 | Lab Job #:<br>Project No:<br>Location:<br>Date Received: | 529643<br>CHIQUITA WEEKLY AIR<br>Chiquita Canyon Landfill Air/Odor Sampling<br>03/25/25 |

| Sample ID | Lab ID | Collected | Matrix |
|---|---|---|---|
| MS-07 | 529643-001 | 03/25/25 07:10 | Air |
| MS-12 | 529643-002 | 03/25/25 07:20 | Air |
| MS-08 | 529643-003 | 03/25/25 07:30 | Air |
| MS-09 | 529643-004 | 03/25/25 07:40 | Air |
| MS-10 | 529643-005 | 03/25/25 07:55 | Air |
| MS-06 | 529643-006 | 03/25/25 08:10 | Air |
| MS-11 | 529643-007 | 03/25/25 08:30 | Air |

# Case Narrative

| | | |
|---|---|---|
| SCS Engineers - Long Beach<br>3900 Kilroy Airport Way<br>Suite 100<br>Long Beach, CA 90806<br>Raymond Huff | Lab Job Number:<br>Project No:<br>Location:<br><br>Date Received: | 529643<br>CHIQUITA WEEKLY AIR<br>Chiquita Canyon Landfill Air/Odor Sampling<br>03/25/25 |

This data package contains sample and QC results for seven air samples, requested for the above referenced project on 03/25/25. The samples were received intact. Sulfur samples listed on the COC were not received at Enthalpy Orange; they were instead delivered direct to AAC in Ventura. See the emails attached to the COC for appropriate documentation supplementing the COC.

**Volatile Organics in Air by MS (EPA TO-15 SIM):**

No analytical problems were encountered.

Login 529643

# ENTHALPY ANALYTICAL

## Air Chain of Custody Record

Lab Job No. 529643

Page 1 of 1

| CUSTOMER INFORMATION | | PROJECT INFORMATION | | PO Number: |
|---|---|---|---|---|
| Company: | SCS Engineers | Name: | Chiquita Canyon Landfill Air/Odor Sampling | |
| Report To: | Ray Huff | Number: | | Lab Quote Number: |
| Email: | | Address: | Valencia, CA | |
| Address: | 3900 Kilroy Airport Way Suite 300 Long Beach, CA 90806 | | | |
| | | Global ID: | | |
| Phone: | | Sampled By: | David Hernandez | |

Special Instructions

Analysis Request: 307.91 Sulfur; Extended List TO-15

Required Turnaround Time: Standard [X]; 5 Day [ ]; 3 Day [ ]; 2 Day [ ]; 1 Day [ ]; Custom TAT ____

| | Sample ID | Air Type (I) Indoor (A) Ambient (SV) Soil Vapor | Equipment Information: Canister ID | Canister Size (6L or 1L) | Flow Controller ID | Start Sampling Information: Date | Time | Canister Pressure (in. Hg) | Stop Sampling Information: Date | Time | Canister Pressure (in. Hg) | 307.91 Sulfur | Extended List TO-15 | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MS-07 | A | C70250 | 6L | A70429 | 3-24-25 | 0710 | -28 Hg | 3-25-25 | 0710 | -7 Hg | X | X | |
| 2 | MS-12 | A | C70413 | 6L | A70094 | 3-24-25 | 0720 | -30 Hg | 3-25-25 | 0720 | -11 Hg | X | X | |
| 3 | MS-08 | A | C70640 | 6L | A70281 | 3-24-25 | 0730 | -24 Hg | 3-25-25 | 0730 | 0 Hg | X | X | |
| 4 | MS-09 | A | C70636 | 6L | A70577 | 3-24-25 | 0740 | -22 Hg | 3-25-25 | 0740 | 0 Hg | X | X | |
| 5 | MS-10 | A | C70823 | 6L | A70495 | 3-24-25 | 0755 | -30 Hg | 3-25-25 | 0755 | -9 Hg | X | X | |
| 6 | MS-06 | A | C70321 | 6L | A70297 | 3-24-25 | 0810 | -30 Hg | 3-25-25 | 0810 | -10 Hg | X | X | |
| 7 | MS-11 | A | C70320 | 6L | A70539 | 3-24-25 | 0830 | -28 Hg | 3-25-25 | 0830 | -6 Hg | X | X | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |

| | SIGNATURE | PRINT NAME | COMPANY/TITLE | DATE / TIME |
|---|---|---|---|---|
| RELINQUISHED BY | | David Hernandez | RES | 3-25-25 / 1219 |
| RECEIVED BY | | Nicole Mendoza | EA | 3/25/25 12:19 |
| RELINQUISHED BY | | | | |
| RECEIVED BY | | | | |
| RELINQUISHED BY | | | | |
| RECEIVED BY | | | | |

# SAMPLE RECEIPT CHECKLIST

**Section 1: General Info**

Date Received: 03/25/25 WO# 529643 Client: SCS Engineers - Long Beach

**Section 2: Shipping / Custody** **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ■ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

**Section 3a: Condition / Packaging** ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 03/25/25 By (initials) NCM Type of ice used: ☐ Wet ☐ Blue/Gel ■ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

■ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: _____ CF: _____

Cooler Temp (°C) #1: _____/_____ #2: _____/_____ #3: _____/_____ #4: _____/_____ #5: _____/_____ #6: _____/_____

**Section 3b: Microbiology Samples** ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

**Section 3c: Air Samples** ☐ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☒ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

| **Section 4: Containers / Labels / Samples** | YES | NO | N/A |
|---|---|---|---|
| 1) Were custody papers present, filled properly, and legible? | x | | |
| 2) Is the sampler's name present on the CoC? | x | | |
| 3) Were containers received in good condition (unbroken / unopened / uncompromised)? | x | | |
| 4) Were the samples bagged? (required for microbiology samples; recommended for soil samples) | | | x |
| 5) Were all of, and only, the correct samples received? | x | | |
| 6) Are sample labels present, legible, and in agreement with the CoC? | x | | |
| 7) Does the container count match the CoC? | x | | |
| 8) Was sufficient sample volume / mass received for the analyses requested? | x | | |
| 9) Were samples received in proper containers for the analyses requested? | x | | |
| 10) Were samples received with > 1/2 holding time remaining? | x | | |
| 11) Are samples properly preserved as indicated by CoC / labels? | | | x |
| 12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS? | | | x |
| 13) Are VOA vials free from headspace/bubbles > 6mm? | | | x |

**Section 5: Explanations / Comments**

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

**Date Logged** 03/25/25 **By (print)** FPDiwa **(sign)** _____

**Date Labeled** 03/25/25 **By (print)** EA-Orange **(sign)** EA-ORANGE

ENTHALPY ANALYTICAL

# Analysis Results for 529643

Raymond Huff
SCS Engineers - Long Beach
3900 Kilroy Airport Way
Suite 100
Long Beach, CA 90806

Lab Job #: 529643
Project No: CHIQUITA WEEKLY AIR
Location: Chiquita Canyon Landfill Air/Odor Sampling
Date Received: 03/25/25

**Sample ID: MS-07** **Lab ID: 529643-001** **Collected: 03/25/25 07:10**
**Matrix: Air**

| 529643-001 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 SIM<br>Prep Method: METHOD | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 0.069 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1,1,2-Tetrachloroethane | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 0.069 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Freon 12 | **460** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Freon 12 | **2.3** | | ug/m3 | 0.049 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Chloromethane | **530** | | pptv | 100 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Chloromethane | **1.1** | | ug/m3 | 0.21 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Freon 114 | **16** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Freon 114 | **0.11** | | ug/m3 | 0.070 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Vinyl Chloride | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Vinyl Chloride | ND | | ug/m3 | 0.026 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Bromomethane | **11** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Bromomethane | **0.042** | | ug/m3 | 0.039 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Chloroethane | **16** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Chloroethane | **0.043** | | ug/m3 | 0.026 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Vinyl bromide | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Vinyl bromide | ND | | ug/m3 | 0.044 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Trichlorofluoromethane | **200** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Trichlorofluoromethane | **1.1** | | ug/m3 | 0.056 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1-Dichloroethene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1-Dichloroethene | ND | | ug/m3 | 0.040 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Methylene Chloride | **260** | | pptv | 20 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Methylene Chloride | **0.91** | | ug/m3 | 0.069 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Freon 113 | **63** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Freon 113 | **0.48** | | ug/m3 | 0.077 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| trans-1,2-Dichloroethene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 0.040 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1-Dichloroethane | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1-Dichloroethane | ND | | ug/m3 | 0.040 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| cis-1,2-Dichloroethene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 0.040 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Chloroform | **24** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Chloroform | **0.11** | | ug/m3 | 0.049 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2-Dichloroethane | **19** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2-Dichloroethane | **0.078** | | ug/m3 | 0.040 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1,1-Trichloroethane | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 0.055 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Benzene | **160** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Benzene | **0.51** | | ug/m3 | 0.032 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| 529643-001 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | **77** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Carbon Tetrachloride | **0.48** | | ug/m3 | 0.063 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2-Dichloropropane | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2-Dichloropropane | ND | | ug/m3 | 0.046 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Bromodichloromethane | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Bromodichloromethane | ND | | ug/m3 | 0.067 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Trichloroethene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Trichloroethene | ND | | ug/m3 | 0.054 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| cis-1,3-Dichloropropene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 0.045 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| trans-1,3-Dichloropropene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 0.045 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1,2-Trichloroethane | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 0.055 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Toluene | **150** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Toluene | **0.56** | | ug/m3 | 0.038 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Dibromochloromethane | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Dibromochloromethane | ND | | ug/m3 | 0.085 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2-Dibromoethane | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2-Dibromoethane | ND | | ug/m3 | 0.077 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Tetrachloroethene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Tetrachloroethene | ND | | ug/m3 | 0.068 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Chlorobenzene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Chlorobenzene | ND | | ug/m3 | 0.046 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Ethylbenzene | **21** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Ethylbenzene | **0.091** | | ug/m3 | 0.043 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| m,p-Xylenes | **48** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| m,p-Xylenes | **0.21** | | ug/m3 | 0.043 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Bromoform | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Bromoform | ND | | ug/m3 | 0.10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Styrene | **21** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Styrene | **0.092** | | ug/m3 | 0.043 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| o-Xylene | **23** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| o-Xylene | **0.10** | | ug/m3 | 0.043 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 2-Chlorotoluene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 2-Chlorotoluene | ND | | ug/m3 | 0.052 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,3,5-Trimethylbenzene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 0.049 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2,4-Trimethylbenzene | **33** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2,4-Trimethylbenzene | **0.16** | | ug/m3 | 0.049 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Benzyl chloride | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Benzyl chloride | ND | | ug/m3 | 0.052 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,3-Dichlorobenzene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 0.060 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,4-Dichlorobenzene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 0.060 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2-Dichlorobenzene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 0.060 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2,4-Trichlorobenzene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 0.074 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Hexachlorobutadiene | ND | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Hexachlorobutadiene | ND | | ug/m3 | 0.11 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| 529643-001 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Xylene (total) | **71** | | pptv | 10 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| Xylene (total) | **0.31** | | ug/m3 | 0.043 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |
| **Surrogates** | | | | **Limits** | | | | | |
| Bromofluorobenzene | 92% | | %REC | 60-140 | 1 | 367463 | 04/01/25 04:03 | 04/01/25 04:03 | OHD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| Sample ID: MS-12 | Lab ID: 529643-002 | Collected: 03/25/25 07:20 |
|---|---|---|
| | Matrix: Air | |

| 529643-002 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 SIM<br>Prep Method: METHOD | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 0.076 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1,1,2-Tetrachloroethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 0.076 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Freon 12 | **460** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Freon 12 | **2.3** | | ug/m3 | 0.054 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Chloromethane | **530** | | pptv | 110 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Chloromethane | **1.1** | | ug/m3 | 0.23 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Freon 114 | **16** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Freon 114 | **0.11** | | ug/m3 | 0.077 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Vinyl Chloride | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Vinyl Chloride | ND | | ug/m3 | 0.028 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Bromomethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Bromomethane | ND | | ug/m3 | 0.043 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Chloroethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Chloroethane | ND | | ug/m3 | 0.029 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Vinyl bromide | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Vinyl bromide | ND | | ug/m3 | 0.048 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Trichlorofluoromethane | **200** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Trichlorofluoromethane | **1.1** | | ug/m3 | 0.062 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1-Dichloroethene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1-Dichloroethene | ND | | ug/m3 | 0.044 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Methylene Chloride | **280** | | pptv | 22 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Methylene Chloride | **0.96** | | ug/m3 | 0.076 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Freon 113 | **62** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Freon 113 | **0.48** | | ug/m3 | 0.084 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| trans-1,2-Dichloroethene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 0.044 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1-Dichloroethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1-Dichloroethane | ND | | ug/m3 | 0.045 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| cis-1,2-Dichloroethene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 0.044 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Chloroform | **32** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Chloroform | **0.16** | | ug/m3 | 0.054 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2-Dichloroethane | **19** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2-Dichloroethane | **0.079** | | ug/m3 | 0.045 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1,1-Trichloroethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 0.060 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Benzene | **180** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Benzene | **0.57** | | ug/m3 | 0.035 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Carbon Tetrachloride | **76** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Carbon Tetrachloride | **0.48** | | ug/m3 | 0.069 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2-Dichloropropane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2-Dichloropropane | ND | | ug/m3 | 0.051 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Bromodichloromethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| 529643-002 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | ug/m3 | 0.074 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Trichloroethene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Trichloroethene | ND | | ug/m3 | 0.059 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| cis-1,3-Dichloropropene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 0.050 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| trans-1,3-Dichloropropene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 0.050 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1,2-Trichloroethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 0.060 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Toluene | **230** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Toluene | **0.87** | | ug/m3 | 0.041 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Dibromochloromethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Dibromochloromethane | ND | | ug/m3 | 0.094 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2-Dibromoethane | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2-Dibromoethane | ND | | ug/m3 | 0.085 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Tetrachloroethene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Tetrachloroethene | ND | | ug/m3 | 0.075 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Chlorobenzene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Chlorobenzene | ND | | ug/m3 | 0.051 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Ethylbenzene | **29** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Ethylbenzene | **0.13** | | ug/m3 | 0.048 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| m,p-Xylenes | **80** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| m,p-Xylenes | **0.35** | | ug/m3 | 0.048 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Bromoform | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Bromoform | ND | | ug/m3 | 0.11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Styrene | **17** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Styrene | **0.070** | | ug/m3 | 0.047 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| o-Xylene | **38** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| o-Xylene | **0.16** | | ug/m3 | 0.048 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 2-Chlorotoluene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 2-Chlorotoluene | ND | | ug/m3 | 0.057 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,3,5-Trimethylbenzene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 0.054 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2,4-Trimethylbenzene | **56** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2,4-Trimethylbenzene | **0.27** | | ug/m3 | 0.054 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Benzyl chloride | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Benzyl chloride | ND | | ug/m3 | 0.057 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,3-Dichlorobenzene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 0.066 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,4-Dichlorobenzene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 0.066 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2-Dichlorobenzene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 0.066 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2,4-Trichlorobenzene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 0.082 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Hexachlorobutadiene | ND | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Hexachlorobutadiene | ND | | ug/m3 | 0.12 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Xylene (total) | **120** | | pptv | 11 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| Xylene (total) | **0.51** | | ug/m3 | 0.048 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |
| **Surrogates** | | | | **Limits** | | | | | |
| Bromofluorobenzene | 92% | | %REC | 60-140 | 1.1 | 367463 | 04/01/25 04:52 | 04/01/25 04:52 | OHD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| Sample ID: MS-08 | Lab ID: 529643-003 | Collected: 03/25/25 07:30 |
|---|---|---|
| | Matrix: Air | |

| 529643-003 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 SIM<br>Prep Method: METHOD | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 0.11 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1,1,2-Tetrachloroethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 0.11 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Freon 12 | **450** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Freon 12 | **2.2** | | ug/m3 | 0.079 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Chloromethane | **580** | | pptv | 160 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Chloromethane | **1.2** | | ug/m3 | 0.33 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Freon 114 | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Freon 114 | ND | | ug/m3 | 0.11 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Vinyl Chloride | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Vinyl Chloride | ND | | ug/m3 | 0.041 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Bromomethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Bromomethane | ND | | ug/m3 | 0.062 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Chloroethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Chloroethane | ND | | ug/m3 | 0.042 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Vinyl bromide | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Vinyl bromide | ND | | ug/m3 | 0.070 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Trichlorofluoromethane | **190** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Trichlorofluoromethane | **1.1** | | ug/m3 | 0.090 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1-Dichloroethene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1-Dichloroethene | ND | | ug/m3 | 0.063 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Methylene Chloride | **570** | | pptv | 32 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Methylene Chloride | **2.0** | | ug/m3 | 0.11 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Freon 113 | **62** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Freon 113 | **0.48** | | ug/m3 | 0.12 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| trans-1,2-Dichloroethene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 0.063 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1-Dichloroethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1-Dichloroethane | ND | | ug/m3 | 0.065 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| cis-1,2-Dichloroethene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 0.063 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Chloroform | **57** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Chloroform | **0.28** | | ug/m3 | 0.078 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2-Dichloroethane | **31** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2-Dichloroethane | **0.13** | | ug/m3 | 0.065 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1,1-Trichloroethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 0.087 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Benzene | **730** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Benzene | **2.3** | | ug/m3 | 0.051 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Carbon Tetrachloride | **74** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Carbon Tetrachloride | **0.46** | | ug/m3 | 0.10 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2-Dichloropropane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2-Dichloropropane | ND | | ug/m3 | 0.074 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Bromodichloromethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| 529643-003 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | ug/m3 | 0.11 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Trichloroethene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Trichloroethene | ND | | ug/m3 | 0.086 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| cis-1,3-Dichloropropene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 0.073 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| trans-1,3-Dichloropropene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 0.073 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1,2-Trichloroethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 0.087 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Toluene | **2,400** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Toluene | **9.1** | | ug/m3 | 0.060 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Dibromochloromethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Dibromochloromethane | ND | | ug/m3 | 0.14 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2-Dibromoethane | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2-Dibromoethane | ND | | ug/m3 | 0.12 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Tetrachloroethene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Tetrachloroethene | ND | | ug/m3 | 0.11 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Chlorobenzene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Chlorobenzene | ND | | ug/m3 | 0.074 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Ethylbenzene | **200** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Ethylbenzene | **0.89** | | ug/m3 | 0.069 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| m,p-Xylenes | **630** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| m,p-Xylenes | **2.8** | | ug/m3 | 0.069 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Bromoform | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Bromoform | ND | | ug/m3 | 0.17 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Styrene | **89** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Styrene | **0.38** | | ug/m3 | 0.068 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| o-Xylene | **260** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| o-Xylene | **1.1** | | ug/m3 | 0.069 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 2-Chlorotoluene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 2-Chlorotoluene | ND | | ug/m3 | 0.083 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,3,5-Trimethylbenzene | **54** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,3,5-Trimethylbenzene | **0.26** | | ug/m3 | 0.079 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2,4-Trimethylbenzene | **260** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2,4-Trimethylbenzene | **1.3** | | ug/m3 | 0.079 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Benzyl chloride | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Benzyl chloride | ND | | ug/m3 | 0.083 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,3-Dichlorobenzene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 0.096 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,4-Dichlorobenzene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 0.096 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2-Dichlorobenzene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 0.096 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2,4-Trichlorobenzene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 0.12 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Hexachlorobutadiene | ND | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Hexachlorobutadiene | ND | | ug/m3 | 0.17 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Xylene (total) | **890** | | pptv | 16 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| Xylene (total) | **3.9** | | ug/m3 | 0.069 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |
| **Surrogates** | | | | **Limits** | | | | | |
| Bromofluorobenzene | 95% | | %REC | 60-140 | 1.6 | 367557 | 04/01/25 12:29 | 04/01/25 12:29 | OHD |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| Sample ID: MS-09 | Lab ID: 529643-004 | Collected: 03/25/25 07:40 |
|---|---|---|
| | Matrix: Air | |

| 529643-004 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 SIM<br>Prep Method: METHOD | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 0.069 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 0.069 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Freon 12 | **450** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Freon 12 | **2.2** | | ug/m3 | 0.049 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Chloromethane | **590** | | pptv | 100 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Chloromethane | **1.2** | | ug/m3 | 0.21 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Freon 114 | **16** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Freon 114 | **0.11** | | ug/m3 | 0.070 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Vinyl Chloride | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Vinyl Chloride | ND | | ug/m3 | 0.026 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Bromomethane | **11** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Bromomethane | **0.044** | | ug/m3 | 0.039 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Chloroethane | **11** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Chloroethane | **0.028** | | ug/m3 | 0.026 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Vinyl bromide | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Vinyl bromide | ND | | ug/m3 | 0.044 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Trichlorofluoromethane | **190** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Trichlorofluoromethane | **1.1** | | ug/m3 | 0.056 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1-Dichloroethene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1-Dichloroethene | ND | | ug/m3 | 0.040 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Methylene Chloride | **410** | | pptv | 20 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Methylene Chloride | **1.4** | | ug/m3 | 0.069 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Freon 113 | **62** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Freon 113 | **0.47** | | ug/m3 | 0.077 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| trans-1,2-Dichloroethene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 0.040 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1-Dichloroethane | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1-Dichloroethane | ND | | ug/m3 | 0.040 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| cis-1,2-Dichloroethene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 0.040 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Chloroform | **41** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Chloroform | **0.20** | | ug/m3 | 0.049 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2-Dichloroethane | **28** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2-Dichloroethane | **0.11** | | ug/m3 | 0.040 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1,1-Trichloroethane | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 0.055 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Benzene | **440** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Benzene | **1.4** | | ug/m3 | 0.032 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Carbon Tetrachloride | **76** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Carbon Tetrachloride | **0.48** | | ug/m3 | 0.063 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2-Dichloropropane | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2-Dichloropropane | ND | | ug/m3 | 0.046 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Bromodichloromethane | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| 529643-004 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | ug/m3 | 0.067 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Trichloroethene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Trichloroethene | ND | | ug/m3 | 0.054 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| cis-1,3-Dichloropropene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 0.045 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| trans-1,3-Dichloropropene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 0.045 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1,2-Trichloroethane | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 0.055 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Toluene | **1,200** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Toluene | **4.7** | | ug/m3 | 0.038 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Dibromochloromethane | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Dibromochloromethane | ND | | ug/m3 | 0.085 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2-Dibromoethane | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2-Dibromoethane | ND | | ug/m3 | 0.077 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Tetrachloroethene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Tetrachloroethene | ND | | ug/m3 | 0.068 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Chlorobenzene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Chlorobenzene | ND | | ug/m3 | 0.046 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Ethylbenzene | **160** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Ethylbenzene | **0.71** | | ug/m3 | 0.043 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| m,p-Xylenes | **530** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| m,p-Xylenes | **2.3** | | ug/m3 | 0.043 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Bromoform | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Bromoform | ND | | ug/m3 | 0.10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Styrene | **95** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Styrene | **0.41** | | ug/m3 | 0.043 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| o-Xylene | **200** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| o-Xylene | **0.86** | | ug/m3 | 0.043 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 2-Chlorotoluene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 2-Chlorotoluene | ND | | ug/m3 | 0.052 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,3,5-Trimethylbenzene | **45** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,3,5-Trimethylbenzene | **0.22** | | ug/m3 | 0.049 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2,4-Trimethylbenzene | **210** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2,4-Trimethylbenzene | **1.0** | | ug/m3 | 0.049 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Benzyl chloride | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Benzyl chloride | ND | | ug/m3 | 0.052 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,3-Dichlorobenzene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 0.060 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,4-Dichlorobenzene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 0.060 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2-Dichlorobenzene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 0.060 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 0.074 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Hexachlorobutadiene | ND | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Hexachlorobutadiene | ND | | ug/m3 | 0.11 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Xylene (total) | **730** | | pptv | 10 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| Xylene (total) | **3.1** | | ug/m3 | 0.043 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |
| **Surrogates** | | | | **Limits** | | | | | |
| Bromofluorobenzene | 97% | | %REC | 60-140 | 1 | 367557 | 04/01/25 13:18 | 04/01/25 13:18 | ZNZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| Sample ID: MS-10 | Lab ID: 529643-005 | Collected: 03/25/25 07:55 |
|---|---|---|
| | Matrix: Air | |

| 529643-005 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 SIM<br>Prep Method: METHOD | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 0.082 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 0.082 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Freon 12 | **460** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Freon 12 | **2.3** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Chloromethane | **550** | | pptv | 120 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Chloromethane | **1.1** | | ug/m3 | 0.25 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Freon 114 | **16** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Freon 114 | **0.11** | | ug/m3 | 0.084 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Vinyl Chloride | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Vinyl Chloride | ND | | ug/m3 | 0.031 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Bromomethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Bromomethane | ND | | ug/m3 | 0.047 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Chloroethane | **46** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Chloroethane | **0.12** | | ug/m3 | 0.032 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Vinyl bromide | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Vinyl bromide | ND | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Trichlorofluoromethane | **190** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Trichlorofluoromethane | **1.1** | | ug/m3 | 0.067 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1-Dichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1-Dichloroethene | ND | | ug/m3 | 0.048 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Methylene Chloride | **390** | | pptv | 24 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Methylene Chloride | **1.3** | | ug/m3 | 0.083 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Freon 113 | **61** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Freon 113 | **0.47** | | ug/m3 | 0.092 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| trans-1,2-Dichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 0.048 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1-Dichloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1-Dichloroethane | ND | | ug/m3 | 0.049 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| cis-1,2-Dichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 0.048 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Chloroform | **42** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Chloroform | **0.20** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2-Dichloroethane | **25** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2-Dichloroethane | **0.10** | | ug/m3 | 0.049 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1,1-Trichloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 0.065 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Benzene | **350** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Benzene | **1.1** | | ug/m3 | 0.038 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Carbon Tetrachloride | **75** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Carbon Tetrachloride | **0.47** | | ug/m3 | 0.075 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2-Dichloropropane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2-Dichloropropane | ND | | ug/m3 | 0.055 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Bromodichloromethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| 529643-005 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | ug/m3 | 0.080 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Trichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Trichloroethene | ND | | ug/m3 | 0.064 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| cis-1,3-Dichloropropene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 0.054 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| trans-1,3-Dichloropropene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 0.054 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1,2-Trichloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 0.065 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Toluene | **400** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Toluene | **1.5** | | ug/m3 | 0.045 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Dibromochloromethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Dibromochloromethane | ND | | ug/m3 | 0.10 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2-Dibromoethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2-Dibromoethane | ND | | ug/m3 | 0.092 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Tetrachloroethene | **160** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Tetrachloroethene | **1.1** | | ug/m3 | 0.081 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Chlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Chlorobenzene | ND | | ug/m3 | 0.055 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Ethylbenzene | **42** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Ethylbenzene | **0.18** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| m,p-Xylenes | **120** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| m,p-Xylenes | **0.54** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Bromoform | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Bromoform | ND | | ug/m3 | 0.12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Styrene | **49** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Styrene | **0.21** | | ug/m3 | 0.051 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| o-Xylene | **53** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| o-Xylene | **0.23** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 2-Chlorotoluene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 2-Chlorotoluene | ND | | ug/m3 | 0.062 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,3,5-Trimethylbenzene | **20** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,3,5-Trimethylbenzene | **0.097** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2,4-Trimethylbenzene | **110** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2,4-Trimethylbenzene | **0.54** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Benzyl chloride | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Benzyl chloride | ND | | ug/m3 | 0.062 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,3-Dichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 0.072 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,4-Dichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 0.072 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2-Dichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 0.072 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 0.089 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Hexachlorobutadiene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Hexachlorobutadiene | ND | | ug/m3 | 0.13 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Xylene (total) | **180** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| Xylene (total) | **0.77** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |
| **Surrogates** | | | | **Limits** | | | | | |
| Bromofluorobenzene | 92% | | %REC | 60-140 | 1.2 | 367557 | 04/01/25 14:07 | 04/01/25 14:07 | ZNZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| Sample ID: MS-06 | Lab ID: 529643-006 | Collected: 03/25/25 08:10 |
|---|---|---|
| | Matrix: Air | |

| 529643-006 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 SIM<br>Prep Method: METHOD | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 0.082 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 0.082 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Freon 12 | **450** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Freon 12 | **2.2** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Chloromethane | **530** | | pptv | 120 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Chloromethane | **1.1** | | ug/m3 | 0.25 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Freon 114 | **16** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Freon 114 | **0.11** | | ug/m3 | 0.084 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Vinyl Chloride | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Vinyl Chloride | ND | | ug/m3 | 0.031 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Bromomethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Bromomethane | ND | | ug/m3 | 0.047 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Chloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Chloroethane | ND | | ug/m3 | 0.032 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Vinyl bromide | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Vinyl bromide | ND | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Trichlorofluoromethane | **190** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Trichlorofluoromethane | **1.1** | | ug/m3 | 0.067 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1-Dichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1-Dichloroethene | ND | | ug/m3 | 0.048 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Methylene Chloride | **360** | | pptv | 24 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Methylene Chloride | **1.2** | | ug/m3 | 0.083 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Freon 113 | **61** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Freon 113 | **0.47** | | ug/m3 | 0.092 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| trans-1,2-Dichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 0.048 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1-Dichloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1-Dichloroethane | ND | | ug/m3 | 0.049 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| cis-1,2-Dichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 0.048 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Chloroform | **27** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Chloroform | **0.13** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2-Dichloroethane | **19** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2-Dichloroethane | **0.077** | | ug/m3 | 0.049 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1,1-Trichloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 0.065 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Benzene | **200** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Benzene | **0.64** | | ug/m3 | 0.038 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Carbon Tetrachloride | **75** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Carbon Tetrachloride | **0.47** | | ug/m3 | 0.075 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2-Dichloropropane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2-Dichloropropane | ND | | ug/m3 | 0.055 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Bromodichloromethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| 529643-006 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | ug/m3 | 0.080 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Trichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Trichloroethene | ND | | ug/m3 | 0.064 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| cis-1,3-Dichloropropene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 0.054 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| trans-1,3-Dichloropropene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 0.054 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1,2-Trichloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 0.065 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Toluene | **160** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Toluene | **0.59** | | ug/m3 | 0.045 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Dibromochloromethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Dibromochloromethane | ND | | ug/m3 | 0.10 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2-Dibromoethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2-Dibromoethane | ND | | ug/m3 | 0.092 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Tetrachloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Tetrachloroethene | ND | | ug/m3 | 0.081 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Chlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Chlorobenzene | ND | | ug/m3 | 0.055 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Ethylbenzene | **27** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Ethylbenzene | **0.12** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| m,p-Xylenes | **56** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| m,p-Xylenes | **0.24** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Bromoform | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Bromoform | ND | | ug/m3 | 0.12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Styrene | **72** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Styrene | **0.31** | | ug/m3 | 0.051 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| o-Xylene | **25** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| o-Xylene | **0.11** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 2-Chlorotoluene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 2-Chlorotoluene | ND | | ug/m3 | 0.062 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,3,5-Trimethylbenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,3,5-Trimethylbenzene | ND | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2,4-Trimethylbenzene | **21** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2,4-Trimethylbenzene | **0.10** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Benzyl chloride | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Benzyl chloride | ND | | ug/m3 | 0.062 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,3-Dichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 0.072 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,4-Dichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 0.072 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2-Dichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 0.072 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 0.089 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Hexachlorobutadiene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Hexachlorobutadiene | ND | | ug/m3 | 0.13 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Xylene (total) | **81** | | pptv | 12 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| Xylene (total) | **0.35** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |
| **Surrogates** | | | | **Limits** | | | | | |
| Bromofluorobenzene | 91% | | %REC | 60-140 | 1.2 | 367557 | 04/01/25 14:55 | 04/01/25 14:55 | ZNZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| Sample ID: MS-11 | Lab ID: 529643-007 | Collected: 03/25/25 08:30 |
|---|---|---|
| | Matrix: Air | |

| 529643-007 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Method: EPA TO-15 SIM<br>Prep Method: METHOD | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 0.082 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 0.082 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Freon 12 | **450** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Freon 12 | **2.2** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Chloromethane | **1,600** | | pptv | 120 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Chloromethane | **3.4** | | ug/m3 | 0.25 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Freon 114 | **16** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Freon 114 | **0.11** | | ug/m3 | 0.084 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Vinyl Chloride | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Vinyl Chloride | ND | | ug/m3 | 0.031 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Bromomethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Bromomethane | ND | | ug/m3 | 0.047 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Chloroethane | **60** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Chloroethane | **0.16** | | ug/m3 | 0.032 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Vinyl bromide | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Vinyl bromide | ND | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Trichlorofluoromethane | **190** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Trichlorofluoromethane | **1.1** | | ug/m3 | 0.067 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1-Dichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1-Dichloroethene | ND | | ug/m3 | 0.048 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Methylene Chloride | **360** | | pptv | 24 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Methylene Chloride | **1.3** | | ug/m3 | 0.083 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Freon 113 | **61** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Freon 113 | **0.47** | | ug/m3 | 0.092 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| trans-1,2-Dichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 0.048 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1-Dichloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1-Dichloroethane | ND | | ug/m3 | 0.049 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| cis-1,2-Dichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 0.048 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Chloroform | **37** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Chloroform | **0.18** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2-Dichloroethane | **18** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2-Dichloroethane | **0.074** | | ug/m3 | 0.049 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1,1-Trichloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 0.065 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Benzene | **410** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Benzene | **1.3** | | ug/m3 | 0.038 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Carbon Tetrachloride | **74** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Carbon Tetrachloride | **0.47** | | ug/m3 | 0.075 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2-Dichloropropane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2-Dichloropropane | ND | | ug/m3 | 0.055 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Bromodichloromethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Analysis Results for 529643

| 529643-007 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ND | | ug/m3 | 0.080 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Trichloroethene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Trichloroethene | ND | | ug/m3 | 0.064 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| cis-1,3-Dichloropropene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 0.054 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| trans-1,3-Dichloropropene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 0.054 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1,2-Trichloroethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 0.065 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Toluene | **260** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Toluene | **0.97** | | ug/m3 | 0.045 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Dibromochloromethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Dibromochloromethane | ND | | ug/m3 | 0.10 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2-Dibromoethane | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2-Dibromoethane | ND | | ug/m3 | 0.092 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Tetrachloroethene | **27** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Tetrachloroethene | **0.18** | | ug/m3 | 0.081 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Chlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Chlorobenzene | ND | | ug/m3 | 0.055 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Ethylbenzene | **19** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Ethylbenzene | **0.085** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| m,p-Xylenes | **57** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| m,p-Xylenes | **0.25** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Bromoform | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Bromoform | ND | | ug/m3 | 0.12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Styrene | **24** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Styrene | **0.10** | | ug/m3 | 0.051 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| o-Xylene | **26** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| o-Xylene | **0.11** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 2-Chlorotoluene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 2-Chlorotoluene | ND | | ug/m3 | 0.062 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,3,5-Trimethylbenzene | **12** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,3,5-Trimethylbenzene | **0.061** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2,4-Trimethylbenzene | **78** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2,4-Trimethylbenzene | **0.38** | | ug/m3 | 0.059 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Benzyl chloride | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Benzyl chloride | ND | | ug/m3 | 0.062 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,3-Dichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 0.072 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,4-Dichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 0.072 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2-Dichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 0.072 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 0.089 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Hexachlorobutadiene | ND | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Hexachlorobutadiene | ND | | ug/m3 | 0.13 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Xylene (total) | **83** | | pptv | 12 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| Xylene (total) | **0.36** | | ug/m3 | 0.052 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |
| **Surrogates** | | | | **Limits** | | | | | |
| Bromofluorobenzene | 91% | | %REC | 60-140 | 1.2 | 367557 | 04/01/25 15:44 | 04/01/25 15:44 | ZNZ |



Results for any subcontracted analyses are not included in this section.

# Analysis Results for 529643

ND Not Detected



Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample** | **Lab ID:** | **QC1244125** | **Batch:** | **367463** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15 SIM** | **Prep Method:** | **METHOD** |

| QC1244125 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | 215.0 | 200.0 | pptv | 107% | | 70-130 |
| 1,1,1,2-Tetrachloroethane | 216.9 | 200.0 | pptv | 108% | | 70-130 |
| Freon 12 | 207.6 | 200.0 | pptv | 104% | | 70-130 |
| Chloromethane | 194.7 | 200.0 | pptv | 97% | | 70-130 |
| Freon 114 | 209.4 | 200.0 | pptv | 105% | | 70-130 |
| Vinyl Chloride | 200.6 | 200.0 | pptv | 100% | | 70-130 |
| Bromomethane | 213.4 | 200.0 | pptv | 107% | | 70-130 |
| Chloroethane | 198.1 | 200.0 | pptv | 99% | | 70-130 |
| Vinyl bromide | 206.1 | 200.0 | pptv | 103% | | 70-130 |
| Trichlorofluoromethane | 208.3 | 200.0 | pptv | 104% | | 70-130 |
| 1,1-Dichloroethene | 203.7 | 200.0 | pptv | 102% | | 70-130 |
| Methylene Chloride | 195.1 | 200.0 | pptv | 98% | | 70-130 |
| Freon 113 | 205.0 | 200.0 | pptv | 103% | | 70-130 |
| trans-1,2-Dichloroethene | 200.8 | 200.0 | pptv | 100% | | 70-130 |
| 1,1-Dichloroethane | 202.1 | 200.0 | pptv | 101% | | 70-130 |
| cis-1,2-Dichloroethene | 197.3 | 200.0 | pptv | 99% | | 70-130 |
| Chloroform | 206.0 | 200.0 | pptv | 103% | | 70-130 |
| 1,2-Dichloroethane | 204.8 | 200.0 | pptv | 102% | | 70-130 |
| 1,1,1-Trichloroethane | 208.5 | 200.0 | pptv | 104% | | 70-130 |
| Benzene | 194.3 | 200.0 | pptv | 97% | | 70-130 |
| Carbon Tetrachloride | 209.7 | 200.0 | pptv | 105% | | 70-130 |
| 1,2-Dichloropropane | 202.8 | 200.0 | pptv | 101% | | 70-130 |
| Bromodichloromethane | 208.5 | 200.0 | pptv | 104% | | 70-130 |
| Trichloroethene | 209.1 | 200.0 | pptv | 105% | | 70-130 |
| cis-1,3-Dichloropropene | 211.5 | 200.0 | pptv | 106% | | 70-130 |
| trans-1,3-Dichloropropene | 211.2 | 200.0 | pptv | 106% | | 70-130 |
| 1,1,2-Trichloroethane | 206.8 | 200.0 | pptv | 103% | | 70-130 |
| Toluene | 194.6 | 200.0 | pptv | 97% | | 70-130 |
| Dibromochloromethane | 212.2 | 200.0 | pptv | 106% | | 70-130 |
| 1,2-Dibromoethane | 206.7 | 200.0 | pptv | 103% | | 70-130 |
| Tetrachloroethene | 213.0 | 200.0 | pptv | 106% | | 70-130 |
| Chlorobenzene | 210.1 | 200.0 | pptv | 105% | | 70-130 |
| Ethylbenzene | 197.7 | 200.0 | pptv | 99% | | 70-130 |
| m,p-Xylenes | 397.8 | 400.0 | pptv | 99% | | 70-130 |
| Bromoform | 219.9 | 200.0 | pptv | 110% | | 70-130 |
| Styrene | 206.0 | 200.0 | pptv | 103% | | 70-130 |
| o-Xylene | 210.4 | 200.0 | pptv | 105% | | 70-130 |
| 2-Chlorotoluene | 212.9 | 200.0 | pptv | 106% | | 70-130 |
| 1,3,5-Trimethylbenzene | 239.7 | 200.0 | pptv | 120% | | 70-130 |
| 1,2,4-Trimethylbenzene | 231.6 | 200.0 | pptv | 116% | | 70-130 |
| Benzyl chloride | 218.9 | 200.0 | pptv | 109% | | 70-130 |
| 1,3-Dichlorobenzene | 236.8 | 200.0 | pptv | 118% | | 70-130 |
| 1,4-Dichlorobenzene | 234.2 | 200.0 | pptv | 117% | | 70-130 |
| 1,2-Dichlorobenzene | 227.2 | 200.0 | pptv | 114% | | 70-130 |
| 1,2,4-Trichlorobenzene | 207.8 | 200.0 | pptv | 104% | | 70-130 |
| Hexachlorobutadiene | 223.2 | 200.0 | pptv | 112% | | 70-130 |
| **Surrogates** | | | | | | |

ENTHALPY ANALYTICAL

## Batch QC

| QC1244125 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Bromofluorobenzene | 280.4 | 250.0 | pptv | 112% | | 70-130 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample Duplicate** | **Lab ID:** | **QC1244126** | **Batch:** | **367463** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15 SIM** | **Prep Method:** | **METHOD** |

| QC1244126 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | 211.1 | 200.0 | pptv | 106% | | 70-130 | 2 | 25 |
| 1,1,1,2-Tetrachloroethane | 213.2 | 200.0 | pptv | 107% | | 70-130 | 2 | 25 |
| Freon 12 | 206.9 | 200.0 | pptv | 103% | | 70-130 | 0 | 25 |
| Chloromethane | 195.4 | 200.0 | pptv | 98% | | 70-130 | 0 | 25 |
| Freon 114 | 208.2 | 200.0 | pptv | 104% | | 70-130 | 1 | 25 |
| Vinyl Chloride | 200.8 | 200.0 | pptv | 100% | | 70-130 | 0 | 25 |
| Bromomethane | 212.0 | 200.0 | pptv | 106% | | 70-130 | 1 | 25 |
| Chloroethane | 197.3 | 200.0 | pptv | 99% | | 70-130 | 0 | 25 |
| Vinyl bromide | 205.0 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| Trichlorofluoromethane | 207.6 | 200.0 | pptv | 104% | | 70-130 | 0 | 25 |
| 1,1-Dichloroethene | 203.7 | 200.0 | pptv | 102% | | 70-130 | 0 | 25 |
| Methylene Chloride | 195.6 | 200.0 | pptv | 98% | | 70-130 | 0 | 25 |
| Freon 113 | 204.4 | 200.0 | pptv | 102% | | 70-130 | 0 | 25 |
| trans-1,2-Dichloroethene | 201.7 | 200.0 | pptv | 101% | | 70-130 | 0 | 25 |
| 1,1-Dichloroethane | 202.1 | 200.0 | pptv | 101% | | 70-130 | 0 | 25 |
| cis-1,2-Dichloroethene | 198.5 | 200.0 | pptv | 99% | | 70-130 | 1 | 25 |
| Chloroform | 205.5 | 200.0 | pptv | 103% | | 70-130 | 0 | 25 |
| 1,2-Dichloroethane | 204.5 | 200.0 | pptv | 102% | | 70-130 | 0 | 25 |
| 1,1,1-Trichloroethane | 208.2 | 200.0 | pptv | 104% | | 70-130 | 0 | 25 |
| Benzene | 195.9 | 200.0 | pptv | 98% | | 70-130 | 1 | 25 |
| Carbon Tetrachloride | 209.3 | 200.0 | pptv | 105% | | 70-130 | 0 | 25 |
| 1,2-Dichloropropane | 200.1 | 200.0 | pptv | 100% | | 70-130 | 1 | 25 |
| Bromodichloromethane | 205.0 | 200.0 | pptv | 102% | | 70-130 | 2 | 25 |
| Trichloroethene | 205.5 | 200.0 | pptv | 103% | | 70-130 | 2 | 25 |
| cis-1,3-Dichloropropene | 210.3 | 200.0 | pptv | 105% | | 70-130 | 1 | 25 |
| trans-1,3-Dichloropropene | 209.4 | 200.0 | pptv | 105% | | 70-130 | 1 | 25 |
| 1,1,2-Trichloroethane | 204.1 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| Toluene | 192.9 | 200.0 | pptv | 96% | | 70-130 | 1 | 25 |
| Dibromochloromethane | 208.8 | 200.0 | pptv | 104% | | 70-130 | 2 | 25 |
| 1,2-Dibromoethane | 204.2 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| Tetrachloroethene | 209.1 | 200.0 | pptv | 105% | | 70-130 | 2 | 25 |
| Chlorobenzene | 207.0 | 200.0 | pptv | 104% | | 70-130 | 2 | 25 |
| Ethylbenzene | 195.3 | 200.0 | pptv | 98% | | 70-130 | 1 | 25 |
| m,p-Xylenes | 394.5 | 400.0 | pptv | 99% | | 70-130 | 1 | 25 |
| Bromoform | 214.7 | 200.0 | pptv | 107% | | 70-130 | 2 | 25 |
| Styrene | 205.2 | 200.0 | pptv | 103% | | 70-130 | 0 | 25 |
| o-Xylene | 207.3 | 200.0 | pptv | 104% | | 70-130 | 1 | 25 |
| 2-Chlorotoluene | 209.7 | 200.0 | pptv | 105% | | 70-130 | 2 | 25 |
| 1,3,5-Trimethylbenzene | 236.3 | 200.0 | pptv | 118% | | 70-130 | 1 | 25 |
| 1,2,4-Trimethylbenzene | 227.8 | 200.0 | pptv | 114% | | 70-130 | 2 | 25 |
| Benzyl chloride | 215.6 | 200.0 | pptv | 108% | | 70-130 | 2 | 25 |
| 1,3-Dichlorobenzene | 231.7 | 200.0 | pptv | 116% | | 70-130 | 2 | 25 |
| 1,4-Dichlorobenzene | 231.0 | 200.0 | pptv | 116% | | 70-130 | 1 | 25 |
| 1,2-Dichlorobenzene | 225.3 | 200.0 | pptv | 113% | | 70-130 | 1 | 25 |
| 1,2,4-Trichlorobenzene | 205.6 | 200.0 | pptv | 103% | | 70-130 | 1 | 25 |
| Hexachlorobutadiene | 218.6 | 200.0 | pptv | 109% | | 70-130 | 2 | 25 |

# Batch QC

| QC1244126 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| **Surrogates** | | | | | | | | |
| Bromofluorobenzene | 276.6 | 250.0 | pptv | 111% | | 70-130 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC1244127** | **Batch:** | **367463** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15 SIM** | **Prep Method:** | **METHOD** |

| QC1244127 Analyte | Result | Qual | Units | RL | Prepared | Analyzed |
|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,1,1,2-Tetrachloroethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Freon 12 | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Chloromethane | ND | | pptv | 100 | 03/31/25 14:28 | 03/31/25 14:28 |
| Freon 114 | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Vinyl Chloride | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Bromomethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Chloroethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Vinyl bromide | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Trichlorofluoromethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,1-Dichloroethene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Methylene Chloride | ND | | pptv | 20 | 03/31/25 14:28 | 03/31/25 14:28 |
| Freon 113 | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| trans-1,2-Dichloroethene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,1-Dichloroethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| cis-1,2-Dichloroethene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Chloroform | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,2-Dichloroethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,1,1-Trichloroethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Benzene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Carbon Tetrachloride | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,2-Dichloropropane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Bromodichloromethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Trichloroethene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| cis-1,3-Dichloropropene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| trans-1,3-Dichloropropene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,1,2-Trichloroethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Toluene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Dibromochloromethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,2-Dibromoethane | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Tetrachloroethene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Chlorobenzene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Ethylbenzene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| m,p-Xylenes | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Bromoform | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Styrene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| o-Xylene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 2-Chlorotoluene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,3,5-Trimethylbenzene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,2,4-Trimethylbenzene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Benzyl chloride | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,3-Dichlorobenzene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,4-Dichlorobenzene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,2-Dichlorobenzene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| 1,2,4-Trichlorobenzene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Hexachlorobutadiene | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |
| Xylene (total) | ND | | pptv | 10 | 03/31/25 14:28 | 03/31/25 14:28 |

ENTHALPY ANALYTICAL

# Batch QC

| QC1244127 Analyte | Result | Qual | Units | RL | Prepared | Analyzed |
|---|---|---|---|---|---|---|
| **Surrogates** | | | | **Limits** | | |
| Bromofluorobenzene | 84% | | %REC | 70-130 | 03/31/25 14:28 | 03/31/25 14:28 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample** | **Lab ID:** | **QC1244459** | **Batch:** | **367557** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15 SIM** | **Prep Method:** | **METHOD** |

| QC1244459 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | 205.5 | 200.0 | pptv | 103% | | 70-130 |
| 1,1,1,2-Tetrachloroethane | 206.5 | 200.0 | pptv | 103% | | 70-130 |
| Freon 12 | 207.0 | 200.0 | pptv | 104% | | 70-130 |
| Chloromethane | 194.9 | 200.0 | pptv | 97% | | 70-130 |
| Freon 114 | 208.9 | 200.0 | pptv | 104% | | 70-130 |
| Vinyl Chloride | 201.5 | 200.0 | pptv | 101% | | 70-130 |
| Bromomethane | 211.5 | 200.0 | pptv | 106% | | 70-130 |
| Chloroethane | 197.8 | 200.0 | pptv | 99% | | 70-130 |
| Vinyl bromide | 207.5 | 200.0 | pptv | 104% | | 70-130 |
| Trichlorofluoromethane | 206.6 | 200.0 | pptv | 103% | | 70-130 |
| 1,1-Dichloroethene | 205.6 | 200.0 | pptv | 103% | | 70-130 |
| Methylene Chloride | 195.8 | 200.0 | pptv | 98% | | 70-130 |
| Freon 113 | 204.1 | 200.0 | pptv | 102% | | 70-130 |
| trans-1,2-Dichloroethene | 201.9 | 200.0 | pptv | 101% | | 70-130 |
| 1,1-Dichloroethane | 201.6 | 200.0 | pptv | 101% | | 70-130 |
| cis-1,2-Dichloroethene | 199.0 | 200.0 | pptv | 100% | | 70-130 |
| Chloroform | 203.7 | 200.0 | pptv | 102% | | 70-130 |
| 1,2-Dichloroethane | 204.2 | 200.0 | pptv | 102% | | 70-130 |
| 1,1,1-Trichloroethane | 206.7 | 200.0 | pptv | 103% | | 70-130 |
| Benzene | 196.9 | 200.0 | pptv | 98% | | 70-130 |
| Carbon Tetrachloride | 206.3 | 200.0 | pptv | 103% | | 70-130 |
| 1,2-Dichloropropane | 198.9 | 200.0 | pptv | 99% | | 70-130 |
| Bromodichloromethane | 199.4 | 200.0 | pptv | 100% | | 70-130 |
| Trichloroethene | 204.4 | 200.0 | pptv | 102% | | 70-130 |
| cis-1,3-Dichloropropene | 203.8 | 200.0 | pptv | 102% | | 70-130 |
| trans-1,3-Dichloropropene | 205.9 | 200.0 | pptv | 103% | | 70-130 |
| 1,1,2-Trichloroethane | 200.3 | 200.0 | pptv | 100% | | 70-130 |
| Toluene | 191.9 | 200.0 | pptv | 96% | | 70-130 |
| Dibromochloromethane | 200.9 | 200.0 | pptv | 100% | | 70-130 |
| 1,2-Dibromoethane | 200.6 | 200.0 | pptv | 100% | | 70-130 |
| Tetrachloroethene | 207.1 | 200.0 | pptv | 104% | | 70-130 |
| Chlorobenzene | 204.7 | 200.0 | pptv | 102% | | 70-130 |
| Ethylbenzene | 192.4 | 200.0 | pptv | 96% | | 70-130 |
| m,p-Xylenes | 387.8 | 400.0 | pptv | 97% | | 70-130 |
| Bromoform | 205.0 | 200.0 | pptv | 102% | | 70-130 |
| Styrene | 200.4 | 200.0 | pptv | 100% | | 70-130 |
| o-Xylene | 203.3 | 200.0 | pptv | 102% | | 70-130 |
| 2-Chlorotoluene | 206.4 | 200.0 | pptv | 103% | | 70-130 |
| 1,3,5-Trimethylbenzene | 232.5 | 200.0 | pptv | 116% | | 70-130 |
| 1,2,4-Trimethylbenzene | 224.4 | 200.0 | pptv | 112% | | 70-130 |
| Benzyl chloride | 209.2 | 200.0 | pptv | 105% | | 70-130 |
| 1,3-Dichlorobenzene | 226.9 | 200.0 | pptv | 113% | | 70-130 |
| 1,4-Dichlorobenzene | 224.9 | 200.0 | pptv | 112% | | 70-130 |
| 1,2-Dichlorobenzene | 217.4 | 200.0 | pptv | 109% | | 70-130 |
| 1,2,4-Trichlorobenzene | 196.6 | 200.0 | pptv | 98% | | 70-130 |
| Hexachlorobutadiene | 210.8 | 200.0 | pptv | 105% | | 70-130 |
| **Surrogates** | | | | | | |

## Batch QC

| QC1244459 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---|---|---|---|---|---|---|
| Bromofluorobenzene | 278.4 | 250.0 | pptv | 111% | | 70-130 |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Lab Control Sample Duplicate** | **Lab ID:** | **QC1244460** | **Batch:** | **367557** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15 SIM** | **Prep Method:** | **METHOD** |

| QC1244460 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | 204.9 | 200.0 | pptv | 102% | | 70-130 | 0 | 25 |
| 1,1,1,2-Tetrachloroethane | 204.6 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| Freon 12 | 204.2 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| Chloromethane | 193.2 | 200.0 | pptv | 97% | | 70-130 | 1 | 25 |
| Freon 114 | 205.3 | 200.0 | pptv | 103% | | 70-130 | 2 | 25 |
| Vinyl Chloride | 197.8 | 200.0 | pptv | 99% | | 70-130 | 2 | 25 |
| Bromomethane | 209.7 | 200.0 | pptv | 105% | | 70-130 | 1 | 25 |
| Chloroethane | 196.1 | 200.0 | pptv | 98% | | 70-130 | 1 | 25 |
| Vinyl bromide | 205.0 | 200.0 | pptv | 103% | | 70-130 | 1 | 25 |
| Trichlorofluoromethane | 204.7 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| 1,1-Dichloroethene | 204.5 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| Methylene Chloride | 193.6 | 200.0 | pptv | 97% | | 70-130 | 1 | 25 |
| Freon 113 | 202.1 | 200.0 | pptv | 101% | | 70-130 | 1 | 25 |
| trans-1,2-Dichloroethene | 200.9 | 200.0 | pptv | 100% | | 70-130 | 1 | 25 |
| 1,1-Dichloroethane | 201.2 | 200.0 | pptv | 101% | | 70-130 | 0 | 25 |
| cis-1,2-Dichloroethene | 199.5 | 200.0 | pptv | 100% | | 70-130 | 0 | 25 |
| Chloroform | 202.3 | 200.0 | pptv | 101% | | 70-130 | 1 | 25 |
| 1,2-Dichloroethane | 202.7 | 200.0 | pptv | 101% | | 70-130 | 1 | 25 |
| 1,1,1-Trichloroethane | 205.2 | 200.0 | pptv | 103% | | 70-130 | 1 | 25 |
| Benzene | 196.4 | 200.0 | pptv | 98% | | 70-130 | 0 | 25 |
| Carbon Tetrachloride | 204.0 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| 1,2-Dichloropropane | 196.3 | 200.0 | pptv | 98% | | 70-130 | 1 | 25 |
| Bromodichloromethane | 196.9 | 200.0 | pptv | 98% | | 70-130 | 1 | 25 |
| Trichloroethene | 201.9 | 200.0 | pptv | 101% | | 70-130 | 1 | 25 |
| cis-1,3-Dichloropropene | 201.8 | 200.0 | pptv | 101% | | 70-130 | 1 | 25 |
| trans-1,3-Dichloropropene | 203.8 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| 1,1,2-Trichloroethane | 197.6 | 200.0 | pptv | 99% | | 70-130 | 1 | 25 |
| Toluene | 189.6 | 200.0 | pptv | 95% | | 70-130 | 1 | 25 |
| Dibromochloromethane | 197.6 | 200.0 | pptv | 99% | | 70-130 | 2 | 25 |
| 1,2-Dibromoethane | 198.7 | 200.0 | pptv | 99% | | 70-130 | 1 | 25 |
| Tetrachloroethene | 204.0 | 200.0 | pptv | 102% | | 70-130 | 1 | 25 |
| Chlorobenzene | 204.5 | 200.0 | pptv | 102% | | 70-130 | 0 | 25 |
| Ethylbenzene | 193.0 | 200.0 | pptv | 97% | | 70-130 | 0 | 25 |
| m,p-Xylenes | 387.5 | 400.0 | pptv | 97% | | 70-130 | 0 | 25 |
| Bromoform | 205.4 | 200.0 | pptv | 103% | | 70-130 | 0 | 25 |
| Styrene | 201.2 | 200.0 | pptv | 101% | | 70-130 | 0 | 25 |
| o-Xylene | 203.6 | 200.0 | pptv | 102% | | 70-130 | 0 | 25 |
| 2-Chlorotoluene | 206.0 | 200.0 | pptv | 103% | | 70-130 | 0 | 25 |
| 1,3,5-Trimethylbenzene | 232.4 | 200.0 | pptv | 116% | | 70-130 | 0 | 25 |
| 1,2,4-Trimethylbenzene | 224.5 | 200.0 | pptv | 112% | | 70-130 | 0 | 25 |
| Benzyl chloride | 209.9 | 200.0 | pptv | 105% | | 70-130 | 0 | 25 |
| 1,3-Dichlorobenzene | 226.9 | 200.0 | pptv | 113% | | 70-130 | 0 | 25 |
| 1,4-Dichlorobenzene | 225.6 | 200.0 | pptv | 113% | | 70-130 | 0 | 25 |
| 1,2-Dichlorobenzene | 220.6 | 200.0 | pptv | 110% | | 70-130 | 1 | 25 |
| 1,2,4-Trichlorobenzene | 199.3 | 200.0 | pptv | 100% | | 70-130 | 1 | 25 |
| Hexachlorobutadiene | 211.7 | 200.0 | pptv | 106% | | 70-130 | 0 | 25 |

# Batch QC

| QC1244460 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---|---|---|---|---|---|---|---|---|
| **Surrogates** | | | | | | | | |
| Bromofluorobenzene | 274.8 | 250.0 | pptv | 110% | | 70-130 | | |

ENTHALPY ANALYTICAL

# Batch QC

| | | | | | |
|---|---|---|---|---|---|
| **Type:** | **Blank** | **Lab ID:** | **QC1244461** | **Batch:** | **367557** |
| **Matrix:** | **Air** | **Method:** | **EPA TO-15 SIM** | **Prep Method:** | **METHOD** |

| QC1244461 Analyte | Result | Qual | Units | RL | Prepared | Analyzed |
|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,1,1,2-Tetrachloroethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Freon 12 | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Chloromethane | ND | | pptv | 100 | 04/01/25 11:43 | 04/01/25 11:43 |
| Freon 114 | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Vinyl Chloride | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Bromomethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Chloroethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Vinyl bromide | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Trichlorofluoromethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,1-Dichloroethene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Methylene Chloride | ND | | pptv | 20 | 04/01/25 11:43 | 04/01/25 11:43 |
| Freon 113 | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| trans-1,2-Dichloroethene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,1-Dichloroethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| cis-1,2-Dichloroethene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Chloroform | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,2-Dichloroethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,1,1-Trichloroethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Benzene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Carbon Tetrachloride | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,2-Dichloropropane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Bromodichloromethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Trichloroethene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| cis-1,3-Dichloropropene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| trans-1,3-Dichloropropene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,1,2-Trichloroethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Toluene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Dibromochloromethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,2-Dibromoethane | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Tetrachloroethene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Chlorobenzene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Ethylbenzene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| m,p-Xylenes | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Bromoform | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Styrene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| o-Xylene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 2-Chlorotoluene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,3,5-Trimethylbenzene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,2,4-Trimethylbenzene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Benzyl chloride | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,3-Dichlorobenzene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,4-Dichlorobenzene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,2-Dichlorobenzene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| 1,2,4-Trichlorobenzene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Hexachlorobutadiene | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |
| Xylene (total) | ND | | pptv | 10 | 04/01/25 11:43 | 04/01/25 11:43 |

ENTHALPY ANALYTICAL

# Batch QC

| QC1244461 Analyte | Result | Qual | Units | RL | Prepared | Analyzed |
|---|---|---|---|---|---|---|
| **Surrogates** | | | | **Limits** | | |
| Bromofluorobenzene | 85% | | %REC | 70-130 | 04/01/25 11:43 | 04/01/25 11:43 |

ND Not Detected

# Atmospheric Analysis & Consulting, Inc

| | |
|---|---|
| CLIENT | : SCS Engineers |
| PROJECT NAME | : Chiquita Canyon Landfill Air/Odor Sampling |
| AAC PROJECT NO. | : 250746 |
| REPORT DATE | : 03/26/2025 |

On March 25, 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

| Client ID | Lab No. |
|---|---|
| MS-07 | 250746-73303 |
| MS-12 | 250746-73304 |
| MS-08 | 250746-73305 |
| MS-09 | 250746-73306 |
| MS-10 | 250746-73307 |
| MS-06 | 250746-73308 |
| MS-11 | 250746-73309 |

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 5 pages.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250746**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/24-25/2025**
**RECEIVING DATE : 03/25/2025**
**ANALYSIS DATE : 03/25/2025**
**REPORT DATE : 03/26/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-07 | MS-12 | MS-08 | MS-09 |
|---|---|---|---|---|
| AAC ID | 250746-73303 | 250746-73304 | 250746-73305 | 250746-73306 |
| Analyte | Result | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# *LABORATORY ANALYSIS REPORT*

**CLIENT : SCS Engineers**
**PROJECT NO. : 250746**
**MATRIX : AIR**
**UNITS : ppmv**

**SAMPLING DATE : 03/24-25/2025**
**RECEIVING DATE : 03/25/2025**
**ANALYSIS DATE : 03/25/2025**
**REPORT DATE : 03/26/2025**

## *Total Reduced Sulfur Compounds by SCAQMD 307.91*

| Client ID | MS-10 | MS-06 | MS-11 |
|---|---|---|---|
| AAC ID | 250746-73307 | 250746-73308 | 250746-73309 |
| Analyte | Result | Result | Result |
| Hydrogen Sulfide | < 0.005 | < 0.005 | < 0.005 |
| COS / SO2 | < 0.005 | < 0.005 | < 0.005 |
| Methyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Ethyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| Carbon Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Isopropyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| tert-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| n-Propyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Methylethylsulfide | < 0.005 | < 0.005 | < 0.005 |
| sec-Butyl Mercaptan / Thiophene | < 0.005 | < 0.005 | < 0.005 |
| iso-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Sulfide | < 0.005 | < 0.005 | < 0.005 |
| n-Butyl Mercaptan | < 0.005 | < 0.005 | < 0.005 |
| Dimethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| 2-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| 3-Methylthiophene | < 0.005 | < 0.005 | < 0.005 |
| Tetrahydrothiophene | < 0.005 | < 0.005 | < 0.005 |
| Bromothiophene | < 0.005 | < 0.005 | < 0.005 |
| Thiophenol | < 0.005 | < 0.005 | < 0.005 |
| Diethyl Disulfide | < 0.005 | < 0.005 | < 0.005 |
| Total Unidentified Sulfur | < 0.005 | < 0.005 | < 0.005 |
| Total Reduced Sulfurs | < 0.005 | < 0.005 | < 0.005 |

All unidentified compound's concentrations expressed in terms of $H_2S$
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

*Quality Control/Quality Assurance Report*
**SCAQMD 307.91**

**Date Analyzed: 3/25/2025**
**Analyst: NR**
**Units: ppmV**

**Instrument ID : SCD-BTU**
**Calb. Date: : 02/01/2025**

**Opening Calibration Verification Standard**

*0.494 ppmV H2S (GC-091924-01)*

| $H_2S$ | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8111 | 0.515 | 104.3 | 2.8 |
| Duplicate | 8010 | 0.509 | 103.0 | 1.6 |
| Triplicate | 7538 | 0.479 | 96.9 | 4.4 |

*0.508 ppmV MeSH (GC-091924-01)*

| MeSH | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 7415 | 0.508 | 100.1 | 0.8 |
| Duplicate | 7539 | 0.516 | 101.7 | 2.5 |
| Triplicate | 7115 | 0.487 | 96.0 | 3.3 |

*0.481 ppmV DMS (GC-091924-01)*

| DMS | Resp. (area) | Result | % Rec * | % RPD **** |
|---|---|---|---|---|
| Initial | 8064 | 0.490 | 102.1 | 0.9 |
| Duplicate | 8130 | 0.494 | 102.9 | 1.7 |
| Triplicate | 7794 | 0.474 | 98.7 | 2.5 |

**Method Blank**

| Analyte | Result |
|---|---|
| $H_2S$ | <PQL |
| MeSH | <PQL |
| DMS | <PQL |

**Duplicate Analysis** **Sample ID 250743-73268**

| Analyte | Sample Result | Duplicate Result | Mean | % RPD *** |
|---|---|---|---|---|
| $H_2S$ | <PQL | <PQL | 0.000 | 0.0 |
| MeSH | <PQL | <PQL | 0.000 | 0.0 |
| DMS | <PQL | <PQL | 0.000 | 0.0 |

**Matrix Spike & Duplicate** **Sample ID 250743-73268 x2**

| Analyte | Sample Conc. | Spike Added | MS Result | MSD Result | MS % Rec ** | MSD % Rec ** | % RPD *** |
|---|---|---|---|---|---|---|---|
| $H_2S$ | <PQL | 0.247 | 0.248 | 0.238 | 100.4 | 96.4 | 4.1 |
| MeSH | <PQL | 0.254 | 0.249 | 0.240 | 98.1 | 94.6 | 3.7 |
| DMS | <PQL | 0.240 | 0.255 | 0.246 | 106.1 | 102.4 | 3.6 |

**Closing Calibration Verification Standard**

| Analyte | Std. Conc. | Result | % Rec ** |
|---|---|---|---|
| $H_2S$ | 0.494 | 0.538 | 108.9 |
| MeSH | 0.508 | 0.535 | 105.4 |
| DMS | 0.481 | 0.510 | 106.1 |

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

*PQL = 0.05 ppmV*



2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

# CHAIN OF CUSTODY RECORD 250746

| Client/Project Name | Project Location |
|---|---|
| SCS Engineers<br>Chiquita Canyon Landfill<br>Air/Odor Sampling | Valencia, CA |
| **Project No.** | **Field Logbook No.** |
| | |
| **Sampler: (Print)** | **(Signature)** |
| D Hernandez | |

**No. Of Containers:** 7

**ANALYSES**

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | 307.91 Sulfur | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| MS-07 | 3/24-25/25 | 0710 - 0710 | 73303 | 10 Liter Bag | x | | | | | |
| MS-12 | 3/24-25/25 | 0720 - 0720 | 73304 | 10 Liter Bag | x | | | | | |
| MS-08 | 3/24-25/25 | 0730 - 0730 | 73305 | 10 Liter Bag | x | | | | | |
| MS-09 | 3/24-25/25 | 0740 - 0740 | 73306 | 10 Liter Bag | x | | | | | |
| MS-10 | 3/24-25/25 | 0755 - 0755 | 73307 | 10 Liter Bag | x | | | | | |
| MS-06 | 3/24-25/25 | 0810 - 0810 | 73308 | 10 Liter Bag | x | | | | | |
| MS-11 | 3/24-25/25 | 0830 - 0830 | 73309 | 10 Liter Bag | x | | | | | |
| | | | | | | | | | | |

| | Date | Time | | Date | Time |
|---|---|---|---|---|---|
| **Relinquished by: (Signature)** | 3/25/25 | 0916 | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received by: (Signature)** | | |
| **Relinquished by: (Signature)** | | | **Received for Laboratory: (Signature)** | 3/25/25 | 0917 |

| | |
|---|---|
| **Sample Disposal Method:** | **Disposed of by: (Signature)** |
| **Date** | |
| **Time** | |

**Sample Collector**

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

**Analytical Laboratory**

AAC Ventura

# Appendix B

# CTEH Supplementary Analysis of SCS Engineers' Q1 2025 EAMP Report

CTEH®

Date: May 15, 2025
To: Nicole Quick, MD, MPH, Deputy Director for Health Protection, Los Angeles County Department of Public Health
From: Pablo Sanchez Soria, PhD, CIH, Principal Toxicologist, Director of Health Sciences, CTEH
Subject: CTEH Supplementary Analysis of SCS Engineers' First Quarter (January 1, 2025 – March 31, 2025) Community 24-hour Analytical Air Sampling Data

## 1. Overview and Summary of Findings

In accordance with the enhanced air monitoring program (EAMP) for Chiquita Canyon Landfill (CCL), SCS Engineers produced a quarterly report for the first quarter of 2025 (January 1, 2025, to March 31, 2025), summarizing the results from air quality data collected in accordance with the 2019 Community Air Monitoring Plan (CAMP) prepared by SCS Engineers in collaboration with CCL, the Los Angeles County Department of Public Health (DPH), and the Los Angeles County Department of Public Works (DPW). At the request of CCL, and in response to DPH's June 6, 2024, letter (Letter), CTEH has prepared this report to provide a supplementary analysis of SCS Engineers' analytical air sampling data pertaining to the evaluation of public health risks.

The following summarizes CTEH's findings from 24-hour "*time-composited*" air samples collected by SCS Engineers across the community near CCL during the first quarter of 2025 and provides a summary of the methodology used to conduct the analysis.

SCS Engineers collected air samples for the analysis of volatile organic compounds (VOCs) and total reduced sulfur (TRS) compounds. Full laboratory results are provided in SCS Engineers quarterly report. Of all the analytes evaluated in the 24-hour samples deployed across seven community locations (MS-06 – MS-12), benzene was the only analyte detected above its corresponding Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (REL) of 1 ppb.

On February 18, 2025, benzene was detected at MS-07 at 1.87 ppb. While this individual sample documented the presence of benzene above the OEHHA Chronic REL of 1 ppb, average concentrations of benzene at all community locations where 24-hour samples were collected between January 1 and March 31, 2025, were below the OEHHA Chronic REL of 1 ppb. Average concentrations of benzene by sampling location ranged from 0.39 to 0.62 ppb[1]. For comparison, benzene levels documented across the Burbank, California area during the latest air quality study (MATES V) conducted by SCAQMD ranged from 0.08 to 0.45 ppb, with an average concentration of 0.22 ppb[2]. Whereas no source attribution has been conducted at this point, it is important to note that benzene can be emitted from many sources, including gasoline powered mobile sources such as cars. According to the MATES V study conducted by the SCAQMD, benzene emissions from on-road and off-road mobile sources account for over 80% of daily emissions of benzene in the South Coast Air Basin.

[1] As of March 25, 2025, VOC samples collected by SCS Engineers throughout community locations were analyzed via TO-15 SIM, resulting in lower laboratory reporting limits than historically documented.
[2] https://www.aqmd.gov/docs/default-source/planning/mates-v/mates-v-final-report-9-24-21.pdf

## 2. Data Evaluation and Methodology

### Data Selection for Health-Based Screening Level Assessment

#### Community Data

SCS Engineers' first quarterly report of 2025 includes data collected from multiple locations, including locations within the landfill, across the perimeter of CCL, and throughout the community. To evaluate potential health risks for residents near the CCL, concentrations of VOCs and TRS compounds were evaluated throughout the community air sampling locations, including MS-06 – MS-12. For this reason, all data from MS-01 – MS-05, located within the landfill or on the landfill's immediate perimeter, were excluded from this analysis. A figure illustrating these sampling locations is provided in **Appendix A**.

#### 24-hour Analytical Data

While community locations selected by SCS Engineers for air monitoring and sampling also include three additional locations beyond MS-06 – MS-12 (S. End Lincoln, Santa Clarita Valley (SCV) and Chiquito Canyon Road), none of these locations included samples collected over a 24-hour period. In this regard, all data from grab samples were excluded from this analysis. Additionally, while SCS Engineers is also collecting air quality data via continuous air monitoring stations across various perimeter and community locations, CTEH has not evaluated these data to make conclusions about public health risks because CTEH is not familiar with the quality assurance and quality control procedures in place for these data.

### OEHHA RELs

Analytical results from SCS Engineers' 24-hour samples were compared to OEHHA Chronic RELs, where available. A list of RELs is available on OEHHA's website[3]. These RELs serve as health-protective benchmarks for chronic exposures (chronic being for a period of 1-year to a lifetime), and they are based on the most sensitive health effects reported in scientific literature. OEHHA RELs are designed to protect the most sensitive individuals in the population, including children, the elderly, and those with pre-existing health conditions. OEHHA RELs are airborne concentrations of chemicals at or below which no adverse health effects are anticipated in individuals indefinitely exposed to that level. Due to the conservative nature of health-protective screening levels such as these, it is important to note that exceedances of chronic RELs from single 24-hour sample results do not necessarily indicate that health risks are anticipated. Rather, they may indicate that additional investigation is warranted.

### Analysis

To assess whether exceedances of OEHHA Chronic RELs were observed, results were averaged throughout the quarter by sampling location[4]. In addition, individual results from single 24-hour samples were compared against OEHHA Chronic RELs screening values[5] to assess whether additional investigation may be warranted. (i.e., assess trends, wind direction, or other patterns informative of potential sources). The

[3] https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary
[4] Average concentrations include non-detections at one half of the reporting limit, per standard risk assessment practice.
[5] Individual 24-hour samples were also compared against OEHHA Acute RELs for sake of completeness. No detections above Acute RELs were observed.

individual 24-hour sampling results are reported as above or below OEHHA Chronic RELs, rather than "exceedance" or "non-exceedance" because individual 24-hour samples do not indicate the potential health risks for which Chronic RELs are protective over *chronic* exposure durations. Detections above the OEHHA Chronic REL for a particular constituent are discussed in Section 1, above. Individual 24-hour samples were also compared against OEHHA Acute RELs. No detections above Acute RELs were observed across SCS Engineers' 24-hour analytical air samples collected throughout the first quarter of 2025.

**Appendix A.** SCS Engineers 24-hour Community Air Sampling Locations

