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

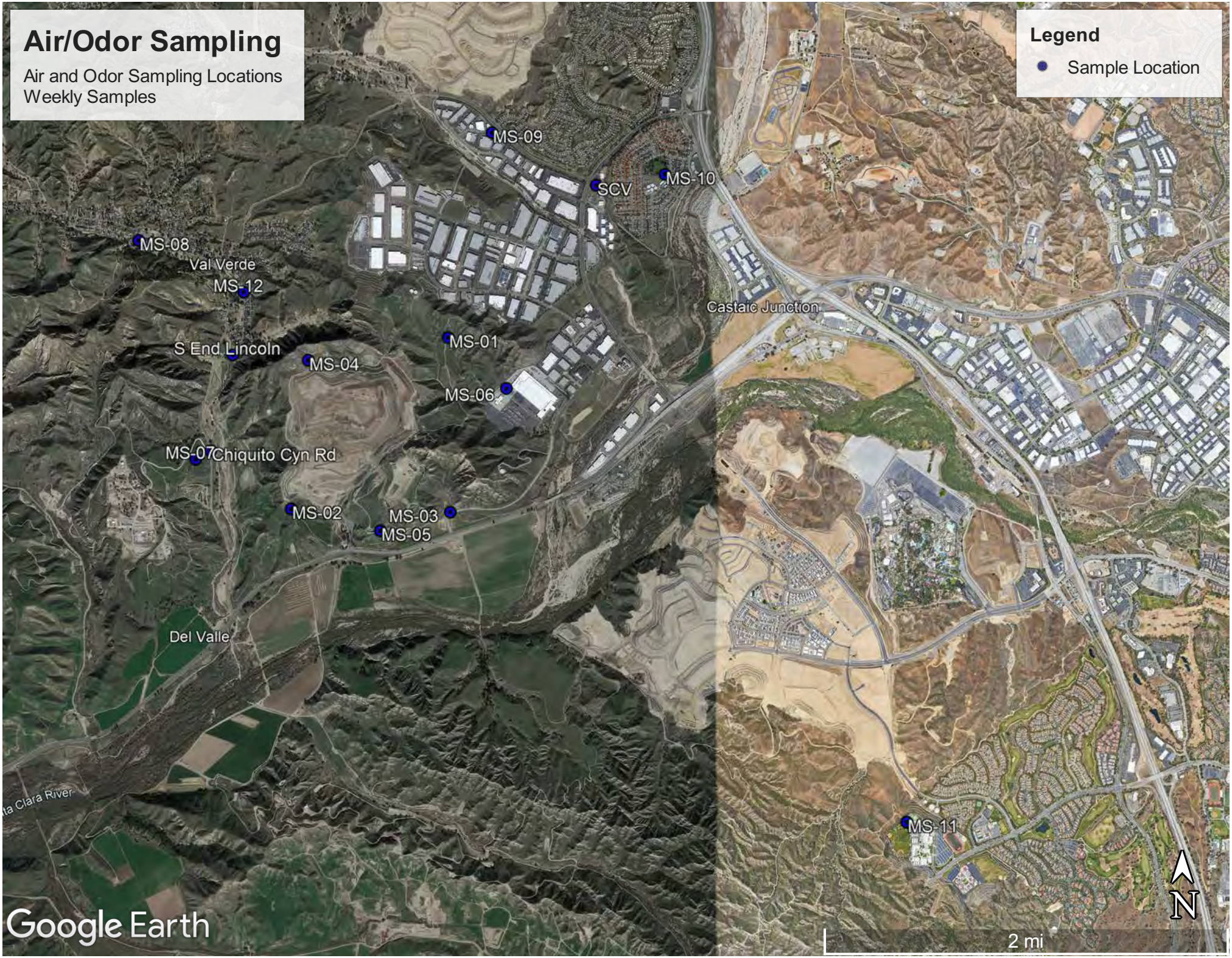
attachments

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.

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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

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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.

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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

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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

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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.

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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.

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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%).

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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

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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.

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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.

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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

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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

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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

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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

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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

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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

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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

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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

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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.

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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

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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.

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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.

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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).

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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.

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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%).

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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

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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

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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

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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	

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

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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.

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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.

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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.

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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.

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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%).

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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

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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)

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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.

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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%).

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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

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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

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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

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PAUL SCHAFER

Project Name
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Project Number
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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.

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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.

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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

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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 **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: 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.

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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

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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

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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

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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

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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

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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

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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

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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

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 Signature: ND	**Date** 2-24-25 **Time**	**Received By** Print: Signature:	**Date** 2/24/25 **Time** 1521
Relinquished By Print: Signature:	**Date** **Time**	**Received By** Print: Signature:	**Date** **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

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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**

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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.

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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

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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

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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.

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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

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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

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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

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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.

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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.

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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.

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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%).

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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

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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.

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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.

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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.

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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

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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

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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.

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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.

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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.

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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%).

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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

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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%).

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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

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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.

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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

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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.

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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

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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

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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.

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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

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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%).

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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

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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%).

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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