Informe de Monitoreo del Aire Mejorado del Cuarto Trimestre de 2024, Vertedero de Chiquita Canyon (Revisado)

Vertedero de Chiquita Canyon
29201 Henry Mayo Drive
Castaic, California 91384

SCS ENGINEERS

01204123.21 Tarea 11 | 14 de febrero de 2025

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

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Este Informe de Monitoreo del Aire Mejorado del Cuarto Trimestre de 2024 del Vertedero de Chiquita Canyon, ubicado en 29201 Henry Mayo Drive, Castaic, California, fue elaborado y revisado por las siguientes personas:



Stipe Markotic
Personal Científico de
SCS ENGINEERS



Quincy Laris
Personal Científico de
SCS ENGINEERS



Raymond H. Huff, Director de
Proyectos de REPA
SCS ENGINEERS

1.0 INTRODUCCIÓN

Este Informe revisado de Monitoreo del Aire Mejorado del Cuarto Trimestre de 2024 se elaboró al descubrir una discrepancia en los datos donde se incluyeron sin querer los datos de monitoreo continuo en los resultados de las muestras discretas. Esta discrepancia generó valores inflados para las detecciones en los resultados de las muestras discretas.

Esta presentación revisada abarca el período que abarca del 1 de octubre al 31 de diciembre de 2024 y fue elaborado para el Departamento de Salud Pública (DPH) del Condado de Los Ángeles por SCS Engineers (SCS) en nombre de Chiquita Canyon, LLC (Chiquita) como parte del programa de monitoreo de aire mejorado (EAMP) de Chiquita para el Vertedero de Chiquita Canyon (el Vertedero). Las recomendaciones del programa de monitoreo del aire mejorado se presentaron en un plan de trabajo del 15 de agosto de 2023 (Plan de Trabajo) presentado al DPH. Después de haberlo consultado con toxicólogos de Chiquita del Centro de Toxicología y Salud Ambiental (CTEH), el EAMP se amplió aún más para incluir la toma de muestras de compuestos semanales de 24 horas, analizadas para observar los compuestos orgánicos volátiles (VOCs) y el azufre total reducido (TRS) en siete lugares de estaciones de monitoreo fuera del sitio (MS-06 a MS-12).

Se debe tener en cuenta que en respuesta a la Orden Administrativa Unilateral (UAO) emitida por la Agencia de Protección Ambiental de Estados Unidos (EPA) el 21 de febrero de 2024, se implementó un Plan de Trabajo actualizado para que el EAMP trate los requerimientos de la UAO. Además, se eliminaron los monitores BTEX y TRS en MS-12 durante el período del informe, para dar lugar a la instalación del micro-GC como lo requiere la Orden de Depuración Estipulada Modificada del Distrito de Gestión de la Calidad del Aire de la Costa Sur (SCAQMD); y, por lo tanto, el set de datos para este lugar estará incompleto.

Según el Plan de Trabajo de mayo de 2024, el EAMP incluye los siguientes componentes:

- Tomas de muestras al azar, semanales, de TRS, olor y VOC ampliados en las 12 estaciones de monitoreo (MS o estación).
- Tomas de muestras semanales de TRS, olores y VOC ampliado en dos lugares adicionales en el sitio y tres lugares adicionales fuera del sitio (17 ubicaciones en total).
- Instalación de micro-GCs en dos (2) ubicaciones fuera del sitio (MS-10 y MS-12) para monitorear una lista de VOCs ampliada como parte de la Orden de Depuración Estipulada Modificada (SOFA). En la Tabla 1 del Plan de Trabajo actualizado se encuentra una lista completa de analitos.

Se incluye un mapa que muestra las ubicaciones de las estaciones de monitoreo y las ubicaciones de otras muestras como **Figura 1**. Como se muestra en la **Figura 1**, MS-01 a MS-05 se encuentran ubicados alrededor del perímetro del Vertedero, MS-06 a MS-12 se encuentran ubicados en la comunidad que rodea al Vertedero y las otras ubicaciones de tomas de muestras se encuentran a lo largo de la Calle Hasley Canyon y la Calle Chiquito Canyon.

A continuación se presenta un resumen de los métodos, los resultados y los análisis de los datos tomados del cuarto trimestre de 2024. Además, todos los datos de monitoreo a los que se hace referencia en este informe fueron proporcionados al DPH en una cubierta separada en actualizaciones de monitoreo mensuales. Según la solicitud del DPH, se incluyeron en este informe copias de los datos analíticos crudos y de monitoreo que se proporcionaron previamente. Se incluye en el **Apéndice A** una copia de los Informes Mensuales del EAMP durante el cuarto trimestre de 2024.

2.0 RESUMEN TRIMESTRAL DE LOS MONITOREOS Y DE LAS MUESTRAS

MONITOREO CONTINUO

Chiquita tiene una red de doce estaciones de monitoreo del aire, habiendo siete estaciones ubicadas en toda la comunidad que rodea al Vertedero (MS-06 a MS-12) y las otras cinco estaciones se encuentran en el sitio (MS-01 a MS-05), alrededor del perímetro del Vertedero.

A partir de fines de agosto y hacia principios de septiembre de 2023, SCS agregó dos módulos de monitoreo adicionales a MS-04 y MS-12. MS-04 se encuentra en la esquina noroeste del Vertedero. MS-12 se encuentra en la comunidad de Val Verde, aproximadamente a 0.5 millas al noroeste del Vertedero. Los módulos adicionales proporcionan mediciones continuas de S02. Al 26 de junio de 2024, SCS agregó módulos de S02 continuos a todas las demás estaciones de monitoreo del aire en el sitio y fuera del sitio.

En septiembre de 2024 se instalaron ocho unidades micro-GC adicionales como lo requiere la UAO.

TOMA DE MUESTRAS DISCRETAS

Muestras Discretas

Todas las semanas, se toman diecisiete (17) muestras en varios lugares de la comunidad y en el sitio, que incluyen tanto el área de reacción como el lugar de trabajo. Las muestras tomadas se analizan y se crea una lista ampliada de VOCs, TRS y olores.

Se analizan las muestras para observar si hay VOCs presentes, utilizando el Método TO-15 de la Agencia de Protección Ambiental (EPA). Las muestras de TRS se analizan utilizando el Método 307.91 del Distrito de Gestión de la Calidad del Aire de la Costa Sur (SCAQMD)
307.91. Las muestras de olores se analizan utilizando un Olfatómetro Portátil de Seis Estaciones Scentroid SS400 (SS400), un método que cumple con E679-04 de la Sociedad Estadounidense para Pruebas y Materiales (ASTM). Los resultados de las muestras de olor para el período del informe se encuentran en los Informes Mensuales del EAMP incluidos en el **Apéndice A**.

Los analitos se indican en la **Tabla 1** a continuación.

Tabla 1. Lista de Analitos de Muestras Discretas y de Composición Temporal

Analitos del Método 307.91 del SCAQMD			
2-Metiltiofeno	Disulfuro de Dietilo	Isopropil Mercaptano	Terbutilmercaptano
3-Metiltiofeno	Disulfuro de Dimetilo	Metilmercaptano	Tetrahidrotiofeno
Bromotiofeno	Sulfuro de Dimetilo (DMS)	Sulfuro Etilo Metilo	Tiofeno
Disulfuro de Carbono	Etilmercaptano	n-Butil Mercaptano	Azufre Total Reducido
Sulfuro de Carbonilo (COS/SO2)	Ácido Sulfhídrico (H2S)	n-propil mercaptano	Azufre Total No Identificado
Disulfuro de Dietilo	iso-Butil Mercaptano	sec-Butil Mercaptano/Tiofeno	
Analitos del Método TO-15 de EPA			
1,1,1-Tricloroetano	4-Etiltolueno	Dibromoclorometano	Naftalina
1,1,2,2-Tetracloroetano	4-Metil-2-pentanona (MiBK)	Diclorodifluorometano	n-Butilbenceno
1,1,2-Tricloroetano	Acetaldehído	Diclorofluorometano	n-Propilbenceno
1,1-Dicloroetano	Acetona	Dicloro-Tetrafluoretano	
1,1-Dicloroeteno	Acroleína	Éter Dimetílico	o-Xileno
1,2,3-Tricloropropano	Acrilonitrilo	Etanol	Propeno
1,2,4-Triclorobenceno	Cloruro de Alilo	Acetato de Etilo	Sec-butilbenceno
1,2,4-Trimetilbenceno	Benceno	Etilbenceno	Estireno
1,2-Dibromoetano	Cloruro de Bencilo (4-Clorotolueno)	Freon 11	Tert butanol (TBA)
1,2-Diclorobenceno	Bromodiclorometano	Freon 113	Tetracloroetileno (PCE)
1,2-Dicloroetano	Bromoformo	Freon 114	Tetrahidrofurano
1,2-Dicloropropano	Bromometano	Freon 12	Tolueno
1,3,5-Trimetilbenceno	Disulfuro de Carbono	Heptano	trans-1,2-Dicloroeteno
1,3-Butadieno	Tetracloruro de carbono	Hexaclorobutadieno	trans-1,3-Dicloropropeno
1,3-Diclorobenceno	Clorobenceno	Hexano	Tricloroeteno (TCE)
1,4-Diclorobenceno	Clorodifluorometano	Alcohol Isopropílico	Triclorofluorometano
1,4-Dioxano	Cloroetano	Isopropilbenceno	Triclorotrifluoroetano
2,2,4-Trimetilpentano	Cloroformo	m y p-Xileno	Acetato de Vinilo
2-Butanona (MEK)	Clorometano	Metanol	Bromuro de Vinilo
2-Clorotolueno	cis-1,2-Dicloroeteno	Metracilato de Metilo	Cloruro de Vinilo
2-Hexanona (MBK)	cis-1,3-Dicloropropeno	Metil-Terbutil Éter (MTBE)	Alfa-Pineno
2-Propanol (IPA)	Ciclohexano	Cloruro de Metileno (DCM)	Beta-Pineno

Nota: Algunos informes analíticos podrán tener menos analitos, dependiendo de las capacidades del laboratorio.

Muestras de Composición Temporal

Además de las muestras discretas semanales, se tomaron siete (7) muestras de aire de composición temporal de 24 horas de siete (7) estaciones de monitoreo del aire fuera del sitio (MS-06 a MS-12). Las muestras de composición temporal se tomaron en un período de 24 horas y se analizaron los mismos constituyentes que para las muestras discretas (consulte la **Tabla 1**).

3.0 REVISIÓ DE LOS DATOS

MONITOREO CONTINUO

Datos de los Micro-GC

En respuesta a la SOFA emitida por el SCAQMD el 17 de enero de 2024, se instalaron dos unidades micro-GC en MS-10 y MS-12 para la fecha límite del 1 de mayo de 2024. Los resultados del monitoreo continuo del aire se encuentran online en el sitio web de Chiquita. En septiembre de 2024 se pusieron en línea ocho unidades micro-GC bajo la UAO. A continuación se encuentra un enlace a los datos continuos en tiempo real:

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

Los datos están disponibles al público y pueden ser revisados y descargados desde el sitio web.

Durante el período del informe, hubo una variación en los compuestos medidos, pero ninguna tendencia fuerte de concentraciones en aumento o disminución.

La Evaluación de Peligros para la Salud de California (OEHHA) establece Niveles de Exposición de Referencia Agudos (RELs Agudos) para compuestos portados en el aire. Se define como REL Agudo de un compuesto como al nivel de concentración por debajo del cual no se prevén efectos adversos para la salud por 1 hora de exposición al compuesto. Los micro -GCs miden los compuestos por hora, proporcionando datos que pueden compararse directamente con RELs Agudos. En los compuestos medidos, el Alcohol Isopropílico (IPA), la 2-Butanona, el Benceno, el Tolueno, el Metanol y el m,p-Xyleno tienen un REL Agudo de OEHHA. Durante el último trimestre, los micro-GCs no detectaron ninguno de estos compuestos por encima del REL Agudo correspondiente de OEHHA en una hora, excepto el benceno en MS-01, MS-02, MS-04, MS- 06 y MS-07. A continuación se indican los excesos de todo el período del informe.

- MS-01 excedió el REL de benceno agudo el 27 de octubre de 2024 desde las 8:00 PM hasta las 9:00 PM.
- MS-02 excedió el REL de benceno agudo el 28 de octubre de 2024 desde las 4:00 AM hasta las 5:00 AM.
- MS-04 excedió el REL de benceno agudo el 1 de octubre de 2024 desde las 10:00 AM hasta las 11:00 AM.
- MS-04 excedió el REL de benceno agudo el 4 de octubre de 2024 desde las 9:00 PM hasta las 10:00 PM.
- MS-04 excedió el REL de benceno agudo el 15 de octubre de 2024 desde las 8:00 AM hasta las 9:00 AM.
- MS-04 excedió el REL de benceno agudo el 28 de octubre de 2024 desde las 12:00 AM hasta las 1:00 AM.
- MS-04 excedió el REL de benceno agudo el 2 de noviembre de 2024 desde las 8:00 AM hasta las 9:00 AM.
- MS-04 excedió el REL de benceno agudo el 5 de noviembre de 2024 desde las 8:00 AM hasta las 9:00 AM.
- MS-04 excedió el REL de benceno agudo el 11 de noviembre de 2024 desde las 8:00 AM hasta las 9:00 AM.
- MS-06 excedió el REL de benceno agudo el 28 de octubre de 2024 desde las 4:00 AM hasta las 5:00 AM.
- MS-07 excedió el REL de benceno agudo el 28 de octubre de 2024 desde las 4:00 AM hasta las 5:00 AM.

TOMA DE MUESTRAS DISCRETAS

Durante el cuarto trimestre de 2024, se tomó un total de 567 muestras analíticas tomadas en las ubicaciones de las tomas de muestras discretas. Las ubicaciones, como también la cantidad de muestras tomadas en cada lugar durante el período del informe, se presentan en la **Tabla 2** a continuación.

Tabla 2. Muestras Analíticas Discretas

Lugar		Muestras Tomadas Durante el Período del Informe
En el Sitio	Área de Reacción	24
	En el Trabajo	24
	MS-01	24
	MS-02	23
	MS-03	24
	MS-04	24
	MS-05	24
Fuera del Sitio	MS-06	48
	MS-07	47
	MS-08	48
	MS-09	48
	MS-10	48
	MS-11	44
	MS-12	47
	SCV	24
	Extremo Sur de Lincoln	22
	Chiquito Canyon Rd.	24

*Nota: Aunque la estrategia en la toma de muestras involucra muestras semanales, los problemas de accesibilidad impactaron la cantidad total de muestras tomadas en varios lugares de toma de muestras.

Datos de VOC

Durante el período del informe, se analizó un total de 280 muestras, dando un total de 59 a 68 VOCs individuales diferentes. Hay 32 VOCs individuales detectados en las 280 muestras analizadas. Esto da como resultado un total de detecciones de VOCs individuales de 453 de 23,924 resultados analizados.

Datos de TRS

Durante el período del informe, se detectaron compuestos de azufre en 3 muestras. En la **Tabla 3** (adjunta) se proporciona un resumen de las detecciones de TRS en las 3 muestras. Se debe tener en cuenta que las detecciones totales del TRS pueden diferir de las muestras totales, ya que algunas muestras pueden contener varias detecciones del TRS.

Datos sobre los Olores

En el cuarto trimestre de 2024, para muestras en el sitio, la mayor cantidad de olores se detectó en muestras tomadas en el área de reacción, con concentraciones que variaron de 5,000 a 19,999 ou/m^3.

En el cuarto trimestre de 2024, para muestras fuera del sitio, la mayor cantidad de olores se detectó en muestras tomadas de MS-08 y MS-09, con concentraciones que variaron de 625 a 3,536 ou/m^3.

MUESTRAS DE COMPOSICIÓN TEMPORAL

Durante el cuarto trimestre de 2024, se tomó un total de 163 muestras de composición temporal en un período de 24 horas, en 7 estaciones de monitoreo fuera del sitio, de MS-06 a MS-12. Las muestras tomadas fueron analizadas utilizando el Método TO-15 de EPA y el Método 307.91 del SCAQMD. Los resultados de las muestras se tratan a continuación.

Datos de VOC

Durante el período del informe, se tomó un total de 80 muestras que se analizaron para 58 VOCs individuales diferentes. De las 80 muestras analizadas, 67 muestras detectaron uno o más VOCs. El análisis de VOC contiene un resultado menor de todas las muestras de 24 horas. Los resultados menores pueden ser el resultado de problemas de accesibilidad además de muestras excluidas utilizando los procedimientos de QA/QC incluidos en los Procedimientos Operativos Estándar para el Programa de Monitoreo del Aire Mejorado.

DATOS CRUDOS

En respuesta a la Respuesta del DPH al Informe de Monitoreo del Aire Mejorado del Primer Trimestre de 2024 emitido el 6 de junio de 2024, ahora se incluyen en el **Apéndice A** datos crudos de los Informes Mensuales del EAMP para el período del informe.

ANÁLISIS COMPLEMENTARIOS DE CTEH

A solicitud de CCL y en respuesta a la carta del 6 de junio de 2024 del DPH, CTEH preparó un análisis complementario para este informe que se encuentra en el **Apéndice B**.

Tables

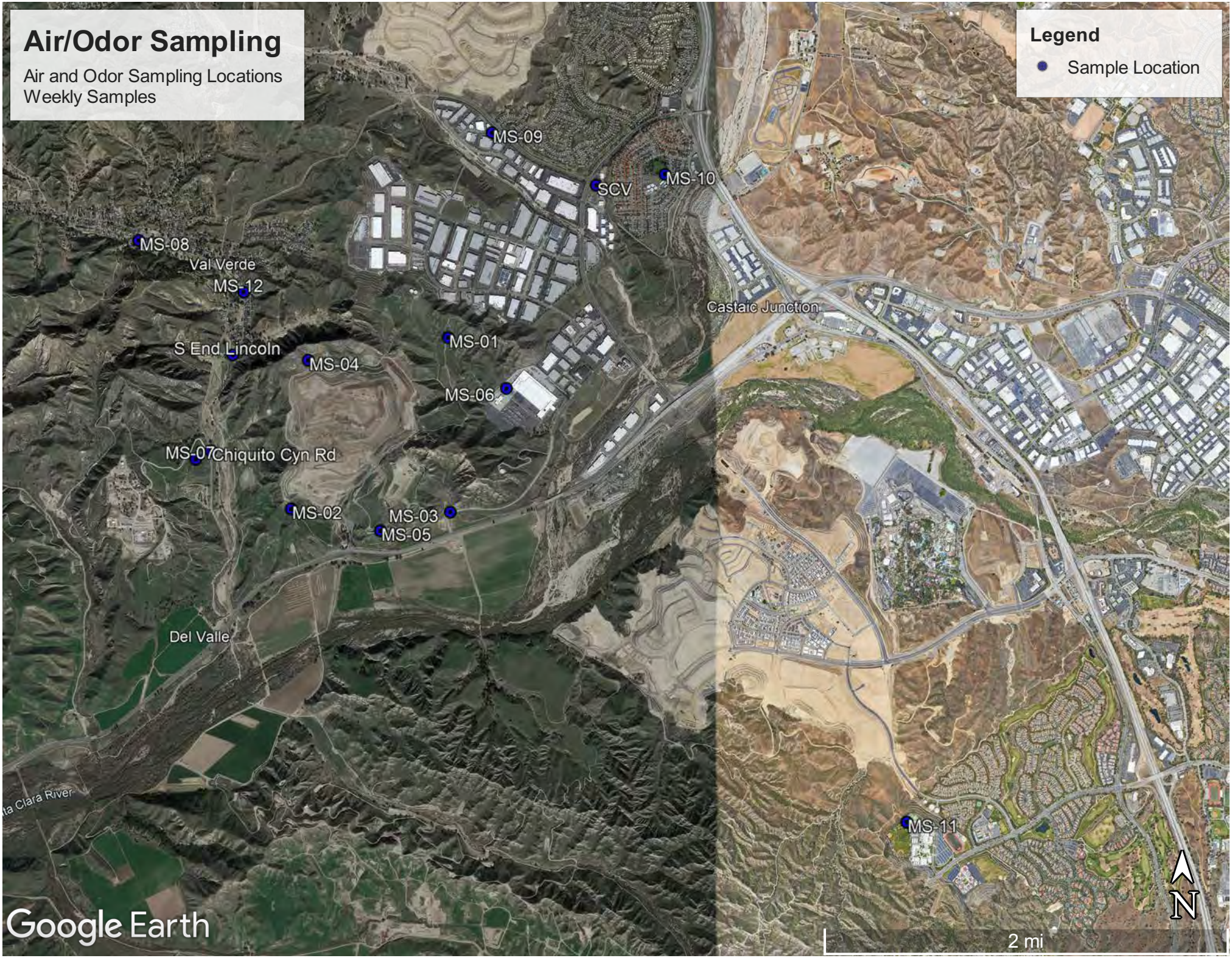
Table 3. TRS Analytical Summary

October 1, 2024 - December 31, 2024

Location	Sample Date	Analytes	Results	Units	Sample
Reaction	10/21/2024	Dimethyl Sulfide	0.105	ppmV	Grab
Reaction	10/21/2024	Dimethyl Disulfide	0.009	ppmV	Grab
Reaction	10/21/2024	Total Unidentified Sulfur	0.006	ppmV	Grab
Reaction	10/21/2024	Total Reduced Sulfurs	0.12	ppmV	Grab
Reaction	10/28/2024	Dimethyl Sulfide	0.016	ppmV	Grab
Reaction	10/28/2024	Total Reduced Sulfurs	0.016	ppmV	Grab
Reaction	11/18/2024	Dimethyl Sulfide	0.104	ppmV	Grab
Reaction	11/18/2024	Total Reduced Sulfurs	0.104	ppmV	Grab

Figure 1

Map of Enhanced Air Monitoring Locations


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

Appendix A

Q4 2024 Monthly EAMP Reports

November 21, 2024
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, October 2024, 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 October 2024 weekly grab samples and odor samples are found in **Attachment A** and **Attachment B** respectively**.**

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

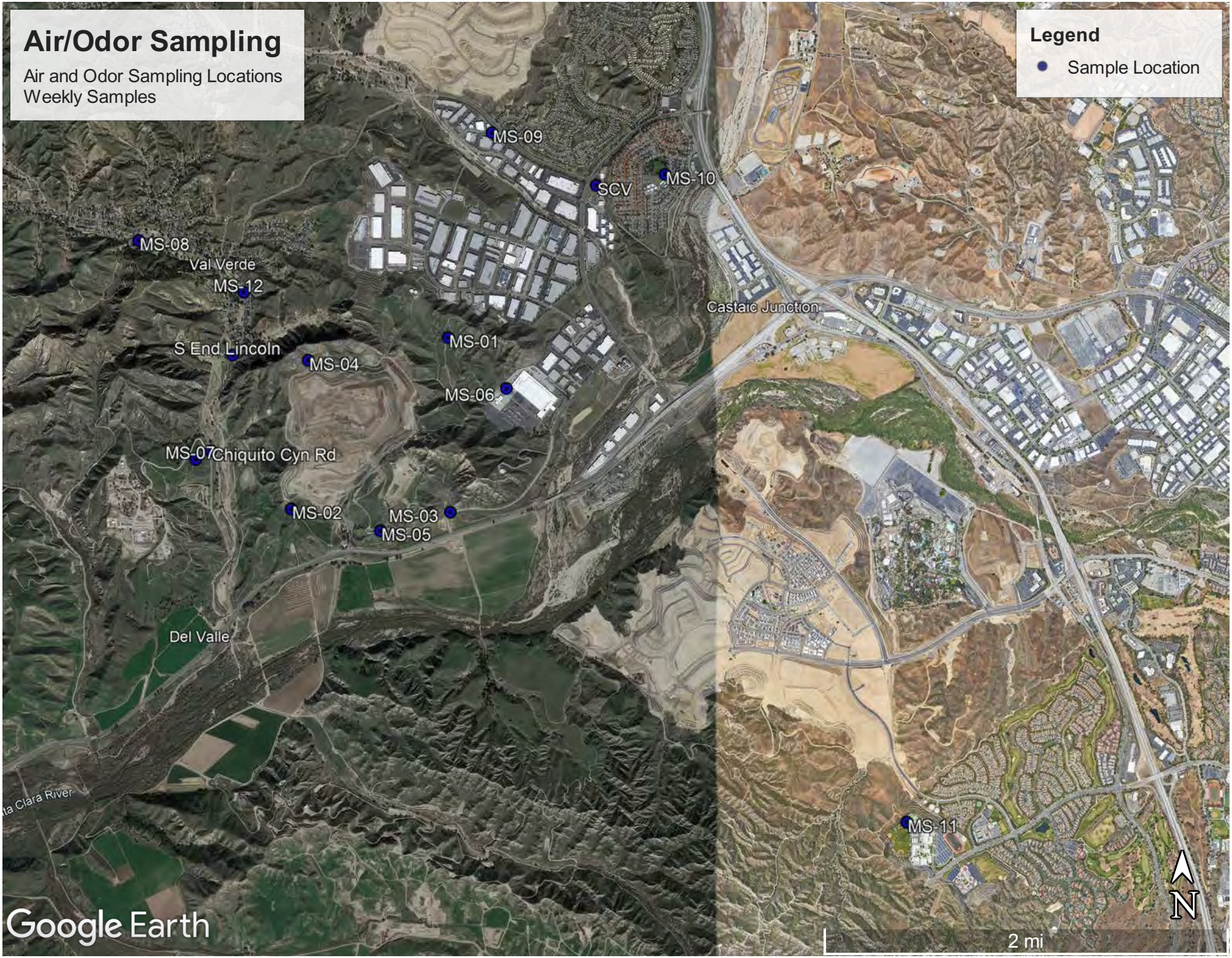
attachments

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. : 242416
REPORT DATE : 10/10/2024

On October 7, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide 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	242416-64982	681.3	S End Lincoln	242416-64991	VOID
MS-07	242416-64983	680.5	MS-01	242416-64992	673.3
MS-08	242416-64984	674.1	MS-02	242416-64993	670.8
MS-09	242416-64985	670.1	MS-03	242416-64994	685.3
MS-10	242416-64986	687.7	MS-04	242416-64995	672.0
MS-11	242416-64987	VOID	MS-05	242416-64996	679.5
MS-12	242416-64988	675.5	Working Face	242416-64997	670.0
SCV	242416-64989	695.5	Reaction	242416-64998	672.7
Chiquito Cyn Rd	242416-64990	721.8	--	--	--

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. Samples "MS-11" (64987) and "S End Lincoln" (64991) were received with the canister valve open. These samples were voided at the request of the client. 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 26 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64982				242416-64983				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.50				1.49				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Propene	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Dimethyl Ether	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Chloromethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Acetaldehyde	<SRL	U	1	7.49	<SRL	U	1	7.47	5.00
Methanol	<SRL	U	1	7.49	<SRL	U	1	7.47	5.00
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Ethanol	<SRL	U	1	3.00	<SRL	U	1	2.99	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Acrolein	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
Acetone	4.42		1	3.00	5.68		1	2.99	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
2-Propanol (IPA)	<SRL	U	1	3.00	<SRL	U	1	2.99	2.00
Acrylonitrile	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
TertButanol (TBA)	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Allyl Chloride	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
Carbon Disulfide	<SRL	U	1	3.00	<SRL	U	1	2.99	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
2-Butanone (MEK)	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Hexane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Chloroform	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Benzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64982				242416-64983				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.50				1.49				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,4-Dioxane	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Methyl Methacrylate	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Heptane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Toluene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
2-Hexanone (MBK)	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
m & p-Xylene	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
Bromoform	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Styrene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
α-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
2-Chlorotoluene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
n-Propylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
β-Pinene	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Sec-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
n-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Naphthalene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
BFB-Surrogate Std. % Recovery		94%				94%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64984				242416-64985				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.51				1.52				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Propene	<SRL	U	1	1.51	<SRL	U	1	1.52	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Dimethyl Ether	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Chloromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Acetaldehyde	8.06		1	7.55	<SRL	U	1	7.62	5.00
Methanol	<SRL	U	1	7.55	9.09		1	7.62	5.00
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Ethanol	<SRL	U	1	3.02	3.90		1	3.05	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Acrolein	<SRL	U	1	1.51	<SRL	U	1	1.52	1.00
Acetone	12.0		1	3.02	8.61		1	3.05	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2-Propanol (IPA)	<SRL	U	1	3.02	<SRL	U	1	3.05	2.00
Acrylonitrile	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.51	<SRL	U	1	1.52	1.00
TertButanol (TBA)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Allyl Chloride	<SRL	U	1	1.51	<SRL	U	1	1.52	1.00
Carbon Disulfide	<SRL	U	1	3.02	<SRL	U	1	3.05	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2-Butanone (MEK)	1.66		1	1.51	<SRL	U	1	1.52	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Hexane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Chloroform	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Benzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64984				242416-64985				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.51				1.52				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,4-Dioxane	<SRL	U	1	1.51	<SRL	U	1	1.52	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Methyl Methacrylate	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Heptane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Toluene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2-Hexanone (MBK)	<SRL	U	1	1.51	<SRL	U	1	1.52	1.00
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
m & p-Xylene	<SRL	U	1	1.51	<SRL	U	1	1.52	1.00
Bromoform	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Styrene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
α-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2-Chlorotoluene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
n-Propylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
β-Pinene	<SRL	U	1	1.51	<SRL	U	1	1.52	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Sec-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
n-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Naphthalene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
BFB-Surrogate Std. % Recovery		94%				93%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-10			Sample Reporting Limit (SRL) (MRLxDF's)	MS-12			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	242416-64986				242416-64988				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.48				1.51				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Propene	<SRL	U	1	1.48	<SRL	U	1	1.51	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Acetaldehyde	<SRL	U	1	7.38	<SRL	U	1	7.53	5.00
Methanol	<SRL	U	1	7.38	<SRL	U	1	7.53	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Ethanol	3.32		1	2.95	<SRL	U	1	3.01	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Acrolein	<SRL	U	1	1.48	<SRL	U	1	1.51	1.00
Acetone	4.60		1	2.95	5.93		1	3.01	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2-Propanol (IPA)	<SRL	U	1	2.95	<SRL	U	1	3.01	2.00
Acrylonitrile	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.48	<SRL	U	1	1.51	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Allyl Chloride	<SRL	U	1	1.48	<SRL	U	1	1.51	1.00
Carbon Disulfide	<SRL	U	1	2.95	<SRL	U	1	3.01	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2-Butanone (MEK)	<SRL	U	1	1.48	<SRL	U	1	1.51	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Benzene	<SRL	U	1	0.74	<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 : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-10			Sample Reporting Limit (SRL) (MRLxDF's)	MS-12			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	242416-64986				242416-64988				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.48				1.51				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,4-Dioxane	<SRL	U	1	1.48	<SRL	U	1	1.51	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2-Hexanone (MBK)	<SRL	U	1	1.48	<SRL	U	1	1.51	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
m & p-Xylene	<SRL	U	1	1.48	<SRL	U	1	1.51	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
β-Pinene	<SRL	U	1	1.48	<SRL	U	1	1.51	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
BFB-Surrogate Std. % Recovery		92%				93%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64989				242416-64990				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.46				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.46	<SRL	U	1	1.41	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.31	<SRL	U	1	7.05	5.00
Methanol	<SRL	U	1	7.31	9.55		1	7.05	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethanol	3.52		1	2.92	3.15		1	2.82	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.41	1.00
Acetone	4.69		1	2.92	5.95		1	2.82	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.92	<SRL	U	1	2.82	2.00
Acrylonitrile	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.41	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.41	1.00
Carbon Disulfide	<SRL	U	1	2.92	<SRL	U	1	2.82	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.46	<SRL	U	1	1.41	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	SCV			Sample Reporting Limit (SRL)	Chiquito Cyn Rd			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	242416-64989				242416-64990				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.46				1.41				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.46	<SRL	U	1	1.41	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.46	<SRL	U	1	1.41	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.46	<SRL	U	1	1.41	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	1.46	<SRL	U	1	1.41	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		92%				93%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64992				242416-64993				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.53				1.52				
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	1.53	<SRL	U	1	1.52	1.00
Dichlorodifluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.76	0.50
Dimethyl Ether	<SRL	U	1	0.77	<SRL	U	1	0.76	0.50
Chloromethane	0.81		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	8.66		1	7.66	<SRL	U	1	7.61	5.00
Methanol	<SRL	U	1	7.66	<SRL	U	1	7.61	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	5.81		1	3.06	3.73		1	3.05	2.00
Vinyl Bromide	<SRL	U	1	0.77	<SRL	U	1	0.76	0.50
Acrolein	<SRL	U	1	1.53	<SRL	U	1	1.52	1.00
Acetone	13.7		1	3.06	6.05		1	3.05	2.00
Trichlorofluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.76	0.50
2-Propanol (IPA)	<SRL	U	1	3.06	<SRL	U	1	3.05	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	1.53	<SRL	U	1	1.52	1.00
TertButanol (TBA)	<SRL	U	1	0.77	<SRL	U	1	0.76	0.50
Allyl Chloride	<SRL	U	1	1.53	<SRL	U	1	1.52	1.00
Carbon Disulfide	<SRL	U	1	3.06	<SRL	U	1	3.05	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)	1.92		1	1.53	<SRL	U	1	1.52	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	0.77	<SRL	U	1	0.76	0.50
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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64992				242416-64993				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.53				1.52				
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	0.77	<SRL	U	1	0.76	0.50
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	1.53	<SRL	U	1	1.52	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	0.77	<SRL	U	1	0.76	0.50
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	1.53	<SRL	U	1	1.52	1.00
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	1.53	<SRL	U	1	1.52	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	1.53	<SRL	U	1	1.52	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.76	0.50
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	0.77	<SRL	U	1	0.76	0.50
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	0.77	<SRL	U	1	0.76	0.50
Hexachlorobutadiene	<SRL	U	1	0.77	<SRL	U	1	0.76	0.50
BFB-Surrogate Std. % Recovery		95%				94%			70-130%

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64994				242416-64995				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.49				1.53				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Propene	<SRL	U	1	1.49	<SRL	U	1	1.53	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Acetaldehyde	<SRL	U	1	7.44	<SRL	U	1	7.65	5.00
Methanol	<SRL	U	1	7.44	<SRL	U	1	7.65	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Ethanol	<SRL	U	1	2.98	<SRL	U	1	3.06	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Acrolein	<SRL	U	1	1.49	<SRL	U	1	1.53	1.00
Acetone	4.90		1	2.98	5.26		1	3.06	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
2-Propanol (IPA)	<SRL	U	1	2.98	<SRL	U	1	3.06	2.00
Acrylonitrile	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.49	<SRL	U	1	1.53	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Allyl Chloride	<SRL	U	1	1.49	<SRL	U	1	1.53	1.00
Carbon Disulfide	<SRL	U	1	2.98	<SRL	U	1	3.06	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
2-Butanone (MEK)	<SRL	U	1	1.49	<SRL	U	1	1.53	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64994				242416-64995				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.49				1.53				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,4-Dioxane	<SRL	U	1	1.49	<SRL	U	1	1.53	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
2-Hexanone (MBK)	<SRL	U	1	1.49	<SRL	U	1	1.53	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
m & p-Xylene	<SRL	U	1	1.49	<SRL	U	1	1.53	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
β-Pinene	<SRL	U	1	1.49	<SRL	U	1	1.53	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.76	0.50
BFB-Surrogate Std. % Recovery		93%				93%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64996				242416-64997				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.49				1.51				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Propene	<SRL	U	1	1.49	<SRL	U	1	1.51	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Dimethyl Ether	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Chloromethane	<SRL	U	1	0.75	0.80		1	0.76	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Acetaldehyde	<SRL	U	1	7.46	<SRL	U	1	7.57	5.00
Methanol	<SRL	U	1	7.46	<SRL	U	1	7.57	5.00
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Ethanol	<SRL	U	1	2.98	<SRL	U	1	3.03	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Acrolein	<SRL	U	1	1.49	<SRL	U	1	1.51	1.00
Acetone	5.85		1	2.98	5.48		1	3.03	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2-Propanol (IPA)	<SRL	U	1	2.98	<SRL	U	1	3.03	2.00
Acrylonitrile	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.49	<SRL	U	1	1.51	1.00
TertButanol (TBA)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Allyl Chloride	<SRL	U	1	1.49	<SRL	U	1	1.51	1.00
Carbon Disulfide	<SRL	U	1	2.98	<SRL	U	1	3.03	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2-Butanone (MEK)	<SRL	U	1	1.49	<SRL	U	1	1.51	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Hexane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Chloroform	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Benzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64996				242416-64997				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/08/2024				10/08/2024				
Can Dilution Factor	1.49				1.51				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,4-Dioxane	<SRL	U	1	1.49	<SRL	U	1	1.51	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Methyl Methacrylate	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Heptane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Toluene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2-Hexanone (MBK)	<SRL	U	1	1.49	<SRL	U	1	1.51	1.00
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
m & p-Xylene	<SRL	U	1	1.49	<SRL	U	1	1.51	1.00
Bromoform	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Styrene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
α-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
2-Chlorotoluene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
n-Propylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
β-Pinene	<SRL	U	1	1.49	<SRL	U	1	1.51	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Sec-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
n-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Naphthalene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.76	0.50
BFB-Surrogate Std. % Recovery		96%				94%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64998				
Date Sampled	10/07/2024				
Date Analyzed	10/08/2024				
Can Dilution Factor	1.51				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	0.50
Propene	<SRL	U	1	1.51	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	0.50
Dimethyl Ether	<SRL	U	1	0.75	0.50
Chloromethane	<SRL	U	1	0.75	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.75	0.50
Vinyl Chloride	<SRL	U	1	0.75	0.50
Acetaldehyde	<SRL	U	1	7.55	5.00
Methanol	43.8		1	7.55	5.00
1,3-Butadiene	<SRL	U	1	0.75	0.50
Bromomethane	<SRL	U	1	0.75	0.50
Chloroethane	<SRL	U	1	0.75	0.50
Dichlorofluoromethane	<SRL	U	1	0.75	0.50
Ethanol	5.54		1	3.02	2.00
Vinyl Bromide	<SRL	U	1	0.75	0.50
Acrolein	<SRL	U	1	1.51	1.00
Acetone	6.64		1	3.02	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	0.50
2-Propanol (IPA)	<SRL	U	1	3.02	2.00
Acrylonitrile	<SRL	U	1	0.75	0.50
1,1-Dichloroethene	<SRL	U	1	0.75	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.51	1.00
TertButanol (TBA)	<SRL	U	1	0.75	0.50
Allyl Chloride	<SRL	U	1	1.51	1.00
Carbon Disulfide	<SRL	U	1	3.02	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.75	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.75	0.50
1,1-Dichloroethane	<SRL	U	1	0.75	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	0.50
Vinyl Acetate	<SRL	U	1	0.75	0.50
2-Butanone (MEK)	<SRL	U	1	1.51	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.75	0.50
Hexane	<SRL	U	1	0.75	0.50
Chloroform	<SRL	U	1	0.75	0.50
Ethyl Acetate	<SRL	U	1	0.75	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242416
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
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	242416-64998				
Date Sampled	10/07/2024				
Date Analyzed	10/08/2024				
Can Dilution Factor	1.51				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	<SRL	U	1	0.75	0.50
1,2-Dichloroethane	<SRL	U	1	0.75	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.75	0.50
Benzene	<SRL	U	1	0.75	0.50
Carbon Tetrachloride	<SRL	U	1	0.75	0.50
Cyclohexane	<SRL	U	1	0.75	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	0.50
Bromodichloromethane	<SRL	U	1	0.75	0.50
1,4-Dioxane	<SRL	U	1	1.51	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	0.50
Methyl Methacrylate	<SRL	U	1	0.75	0.50
Heptane	<SRL	U	1	0.75	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	0.50
Toluene	<SRL	U	1	0.75	0.50
2-Hexanone (MBK)	<SRL	U	1	1.51	1.00
Dibromochloromethane	<SRL	U	1	0.75	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	0.50
Chlorobenzene	<SRL	U	1	0.75	0.50
Ethylbenzene	<SRL	U	1	0.75	0.50
m & p-Xylene	<SRL	U	1	1.51	1.00
Bromoform	<SRL	U	1	0.75	0.50
Styrene	<SRL	U	1	0.75	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	0.50
o-Xylene	<SRL	U	1	0.75	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.75	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.75	0.50
α-Pinene	<SRL	U	1	0.75	0.50
2-Chlorotoluene	<SRL	U	1	0.75	0.50
n-Propylbenzene	<SRL	U	1	0.75	0.50
4-Ethyltoluene	<SRL	U	1	0.75	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	0.50
β-Pinene	<SRL	U	1	1.51	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	0.50
Sec-ButylBenzene	<SRL	U	1	0.75	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	0.50
n-ButylBenzene	<SRL	U	1	0.75	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.75	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	0.50
Naphthalene	<SRL	U	1	0.75	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	0.50
BFB-Surrogate Std. % Recovery		96%			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 : 242416
MATRIX : AIR

DATE RECEIVED : 10/07/2024
DATE REPORTED : 10/10/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethylsulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242416-64982	10/07/2024	10/08/2024	<SRL	U	1.50	1.0	94%
MS-07	242416-64983	10/07/2024	10/08/2024	<SRL	U	1.49	1.0	94%
MS-08	242416-64984	10/07/2024	10/08/2024	<SRL	U	1.51	1.0	94%
MS-09	242416-64985	10/07/2024	10/08/2024	<SRL	U	1.52	1.0	93%
MS-10	242416-64986	10/07/2024	10/08/2024	<SRL	U	1.48	1.0	92%
MS-12	242416-64988	10/07/2024	10/08/2024	<SRL	U	1.51	1.0	93%
SCV	242416-64989	10/07/2024	10/08/2024	<SRL	U	1.46	1.0	92%
Chiquito Cyn Rd	242416-64990	10/07/2024	10/08/2024	<SRL	U	1.41	1.0	93%
MS-01	242416-64992	10/07/2024	10/08/2024	<SRL	U	1.53	1.0	95%
MS-02	242416-64993	10/07/2024	10/08/2024	<SRL	U	1.52	1.0	94%
MS-03	242416-64994	10/07/2024	10/08/2024	<SRL	U	1.49	1.0	93%
MS-04	242416-64995	10/07/2024	10/08/2024	<SRL	U	1.53	1.0	93%
MS-05	242416-64996	10/07/2024	10/08/2024	<SRL	U	1.49	1.0	96%
Working Face	242416-64997	10/07/2024	10/08/2024	<SRL	U	1.51	1.0	94%
Reaction	242416-64998	10/07/2024	10/08/2024	<SRL	U	1.51	1.0	96%

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

RL - Reporting Limit

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/08/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/20/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.53	101
Chlorodifluoromethane	10.20	10.27	101
Propene	10.70	10.38	97
Dichlorodifluoromethane	10.40	10.76	103
Dimethyl Ether	10.10	9.97	99
Chloromethane	10.50	10.72	102
Dichlorotetrafluoroethane	10.20	10.09	99
Vinyl Chloride	10.60	11.68	110
Acetaldehyde	20.90	21.90	105
Methanol	20.40	21.16	104
1,3-Butadiene	10.70	11.26	105
Bromomethane	10.40	10.40	100
Chloroethane	10.40	10.12	97
Dichlorofluoromethane	10.10	10.22	101
Ethanol	11.40	10.74	94
Vinyl Bromide	10.10	10.10	100
Acrolein	10.90	11.65	107
Acetone	10.60	10.31	97
Trichlorofluoromethane	10.50	10.09	96
2-Propanol (IPA)	11.00	10.44	95
Acrylonitrile	11.10	10.84	98
1,1-Dichloroethene	10.50	10.25	98
Methylene Chloride (DCM)	10.40	10.19	98
TertButanol (TBA)	11.20	12.37	110
Allyl Chloride	10.20	10.65	104
Carbon Disulfide	10.50	12.38	118
Trichlorotrifluoroethane	10.30	9.95	97
trans-1,2-Dichloroethene	10.80	11.41	106
1,1-Dichloroethane	10.70	10.94	102
Methyl Tert Butyl Ether (MTBE)	10.70	10.81	101
Vinyl Acetate	11.00	13.35	121
2-Butanone (MEK)	10.70	11.00	103
cis-1,2-Dichloroethene	10.70	11.24	105
Hexane	10.80	10.88	101
Chloroform	10.70	11.09	104
Ethyl Acetate	10.70	11.30	106
Tetrahydrofuran	10.40	10.43	100
1,2-Dichloroethane	10.60	10.63	100
1,1,1-Trichloroethane	10.50	11.02	105
Benzene	10.70	11.10	104
Carbon Tetrachloride	10.30	11.36	110
Cyclohexane	10.50	10.03	96

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	11.41	107
Bromodichloromethane	10.50	11.91	113
1,4-Dioxane	10.50	10.37	99
Trichloroethene (TCE)	10.50	10.61	101
2,2,4-Trimethylpentane	10.10	10.23	101
Methyl Methacrylate	11.00	11.54	105
Heptane	10.50	10.66	102
cis-1,3-Dichloropropene	10.50	11.82	113
4-Methyl-2-pentanone (MiBK)	10.50	10.94	104
trans-1,3-Dichloropropene	10.60	11.72	111
1,1,2-Trichloroethane	10.60	9.82	93
Toluene	10.80	10.90	101
2-Hexanone (MBK)	10.50	11.55	110
Dibromochloromethane	10.60	12.10	114
1,2-Dibromoethane	10.60	11.37	107
Tetrachloroethene (PCE)	10.50	10.10	96
Chlorobenzene	10.80	10.52	97
Ethylbenzene	10.60	10.57	100
m & p-Xylene	21.20	20.28	96
Bromoform	10.60	11.59	109
Styrene	10.60	10.78	102
1,1,2,2-Tetrachloroethane	10.60	10.77	102
o-Xylene	10.60	10.59	100
1,2,3-Trichloropropane	11.00	11.31	103
Isopropylbenzene (Cumene)	10.40	10.40	100
α-Pinene	10.80	10.93	101
2-Chlorotoluene	10.30	10.30	100
n-Propylbenzene	10.10	10.08	100
4-Ethyltoluene	10.40	9.88	95
1,3,5-Trimethylbenzene	10.30	10.12	98
β-Pinene	10.90	9.31	85
1,2,4-Trimethylbenzene	10.30	10.04	97
Benzyl Chloride (a-Chlorotoluene)	10.30	10.48	102
1,3-Dichlorobenzene	10.30	9.29	90
1,4-Dichlorobenzene	10.20	9.87	97
Sec-ButylBenzene	10.00	10.09	101
1,2-Dichlorobenzene	10.40	10.02	96
n-ButylBenzene	10.20	9.66	95
1,2-Dibromo-3-Chloropropane	10.10	10.52	104
1,2,4-Trichlorobenzene	10.50	10.01	95
Naphthalene	10.90	10.84	99
Hexachlorobutadiene	10.80	9.50	88

* - β-Pinene results are estimated.

[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%.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/08/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	9.53	9.47	101	101	0.6
1,1-Dichloroethene	0.0	10.50	10.25	10.30	98	98	0.5
Methylene Chloride (DCM)	0.0	10.40	10.19	10.02	98	96	1.7
Benzene	0.0	10.70	11.10	10.99	104	103	1.0
Trichloroethene (TCE)	0.0	10.50	10.61	10.50	101	100	1.0
Toluene	0.0	10.80	10.90	11.12	101	103	2.0
Tetrachloroethene (PCE)	0.0	10.50	10.10	10.80	96	103	6.7
Chlorobenzene	0.0	10.80	10.52	10.50	97	97	0.2
Ethylbenzene	0.0	10.60	10.57	10.40	100	98	1.6
m & p-Xylene	0.0	21.20	20.28	20.14	96	95	0.7
o-Xylene	0.0	10.60	10.59	10.47	100	99	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 : 10/08/2024
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 100824*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	96%	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 100824*	*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 : 10/08/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.51

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242416-64998

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.00	9.07	0.8
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	4.56	3.92	14.9
Methanol	23.9	26.6	10.7
1,3-Butadiene	<SRL	<SRL	*NA*
Bromomethane	<SRL	<SRL	*NA*
Chloroethane	<SRL	<SRL	*NA*
Dichlorofluoromethane	<SRL	<SRL	*NA*
Ethanol	5.54	5.73	3.5
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	6.64	6.53	1.6
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) J	1.07	1.04	2.9
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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242416

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 FULL LIST +DMS~~	TO-15 Extended List + DMS			
MS-06	64982	10-7-21	1244	summa 1		X			
MS-07	64983		1416			X			
MS-08	64984		1442			X			
MS-09	64985		1451			X			
MS-10	64986		1202			X			
MS-11	64987		1216			X			
MS-12	64988		1435			X			
SCV	64989		1151			X			
Chiquito Cyn Rd	64990		1425			X			
S. End Lincoln	64991		1430			X			

LAB USE ONLY
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Returned Client
Total Cans
Unused Cans
New Containers

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** 10/7/21 **Time** 1605
Relinquished By Print: Signature:	**Date** / **Time**	**Received By** Print: Signature:	**Date** / **Time**

17K cn

242416

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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

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☐ 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 FULL LIST +DMS~~	TO-15 Extended List + DMS			
MS-01	64992	10-7-21	1315	summa 1		X			
MS-02	64993		1404			X			
MS-03	64994		1252			X			
MS-04	64995		1346			X			
MS-05	64996		1305			X			
Working Face	64997		1333			X			
Reaction	64998		1355			X			

LAB USE ONLY

Lab ID	Sample Received via: ☐ Fedex ☐ UPS ☐ Courier ☐ Other
	Temperature:
	Thermometer ID:
	Initials:
	Required Temp:
	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 10/7 Time	**Received By** Print: Signature:	Date 10/7/21 Time 1605
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242416

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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 Dovalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR				
MS-06	64999	10-7-24	1244	tedlar 1	X				
MS-07	65000	↓	1416		X				
MS-08	65001		1442		X				
MS-09	65002		1451		X				
MS-10	65003		1202		X				
MS-11	65004		1216		X				
MS-12	65005		1435		X				
SCV	65006		1151		X				
Chiquito Cyn Rd	65007		1425		X				
S. End Lincoln	65008	↓	1430		X				

LAB USE ONLY
Lab ID
Sample Received via: ☐FedEx ☐UPS ☐Courier ☐Other
Temperature °C
Thermometer ID
Initials
Ambient/Chest
Total Cans
Unused Cans
Flow Controllers

Client Notes/Special Instructions:

EDD?
☐Yes
☐No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Dovalos Signature: ND	Date 10/7 Time	**Received By** Print: Signature:	Date 10/7/24 Time 1605
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242416

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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

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

Sampler Name
Print: Nathaniel Dewalds
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	65009	10-7-24	1315	tedlar 1	X	
MS-02	65010		1404		X	
MS-03	65011		1252		X	
MS-04	65012		1346		X	
MS-05	65013		1305		X	
Working Face	65014		1333		X	
Reaction	65015		1355		X	

LAB USE ONLY:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Ice/Ice Chest
Total Cans
Unused Cans
Flow Controllers

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY:
Notes:

Relinquished By Print: Nathaniel Dewalds Signature: ND	Date 10/7 Time	**Received By** Print: Signature:	Date 10/7/24 Time 1605	
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. : 242416
REPORT DATE : 10/10/2024

On October 7th 2024, 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	242416-64999	S. End Lincoln	242416-65008
MS-07	242416-65000	MS-01	242416-65009
MS-08	242416-65001	MS-02	242416-65010
MS-09	242416-65002	MS-03	242416-65011
MS-10	242416-65003	MS-04	242416-65012
MS-11	242416-65004	MS-05	242416-65013
MS-12	242416-65005	Working Face	242416-65014
SCV	242416-65006	Reaction	242416-65015
Chiquito Cyn Rd	242416-65007		

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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242416
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE ; 10/07/2024
RECEIVING DATE : 10/07/2024
ANALYSIS DATE : 10/07-08/2024
REPORT DATE : 10/10/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	242416-64999	242416-65000	242416-65001	242416-65002	242416-65003	242416-65004
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. : 242416
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE ; 10/07/2024
RECEIVING DATE : 10/07/2024
ANALYSIS DATE : 10/07-08/2024
REPORT DATE : 10/10/2024

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	242416-65005	242416-65006	242416-65007	242416-65008	242416-65009	242416-65010
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. : 242416
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE ; 10/07/2024
RECEIVING DATE : 10/07/2024
ANALYSIS DATE : 10/08/2024
REPORT DATE : 10/10/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	242416-65011	242416-65012	242416-65013	242416-65014	242416-65015
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: 10/7/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7122	0.500	97.9	0.3
Duplicate	7317	0.514	100.6	2.5
Triplicate	6982	0.491	96.0	2.2

0.502 ppbV H2S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6073	0.507	100.9	0.1
Duplicate	6155	0.513	102.3	1.3
Triplicate	6007	0.501	99.8	1.2

0.497 ppbV H2S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8798	0.513	103.3	1.4
Duplicate	8696	0.508	102.1	0.2
Triplicate	8532	0.498	100.2	1.7

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.274	0.271	107.2	106.1	1.1
MeSH	<PQL	0.251	0.262	0.263	104.4	104.8	0.4
DMS	<PQL	0.249	0.265	0.266	106.6	107.0	0.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.553	108.2
MeSH	0.502	0.544	108.4
DMS	0.497	0.540	108.7

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

PQL = 50.0 ppbV
MDL = 1.1 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/7/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11365.88	498	97.6	1.1
Duplicate	11543.74	506	99.1	0.4
Triplicate	11567.61	507	99.4	0.7

501.8 ppbV H2S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10013.98	494	98.4	0.7
Duplicate	10148.67	501	99.8	0.6
Triplicate	10092	498	99.2	0.1

497.0 ppbV H2S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	14818.79	504	101.4	0.5
Duplicate	15179.88	516	103.9	1.9
Triplicate	14674	499	100.4	1.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	250.6	244.8	98.2	95.9	2.4
MeSH	<PQL	250.9	246.0	249.0	98.0	99.3	1.2
DMS	<PQL	248.5	256.4	255.2	103.2	102.7	0.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	495.1	97.0
MeSH	501.8	507.8	101.2
DMS	497.0	491.5	98.9

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

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV
DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/8/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7505	0.527	103.2	0.0
Duplicate	7606	0.535	104.6	1.3
Triplicate	7408	0.521	101.9	1.3

0.502 ppbV H2S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6262	0.522	104.1	0.8
Duplicate	6236	0.520	103.6	0.3
Triplicate	6149	0.513	102.2	1.1

0.497 ppbV H2S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8902	0.520	104.5	0.2
Duplicate	8935	0.521	104.9	0.2
Triplicate	8916	0.520	104.7	0.0

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242416-65013**

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 242416-65013 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.274	0.251	107.2	98.2	8.8
MeSH	<PQL	0.251	0.260	0.250	103.6	99.6	3.9
DMS	<PQL	0.249	0.268	0.266	107.8	107.0	0.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.524	102.5
MeSH	0.502	0.530	105.6
DMS	0.497	0.540	108.7

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

PQL = 50.0 ppbV
MDL = 1.1 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/8/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11545.83	506	99.2	0.5
Duplicate	11285.37	495	96.9	1.7
Triplicate	11625.89	510	99.9	1.2

501.8 ppbV H2S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10159.01	501	99.9	0.1
Duplicate	9990.39	493	98.2	1.7
Triplicate	10352	511	101.8	1.8

497.0 ppbV H2S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	14871.52	506	101.8	1.1
Duplicate	14699.04	500	100.6	0.1
Triplicate	14566	495	99.7	1.0

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242416-65008**

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 242416-65008 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	243.2	230.9	95.3	90.5	5.2
MeSH	<PQL	250.9	240.9	247.6	96.0	98.7	2.8
DMS	<PQL	248.5	250.9	244.4	101.0	98.4	2.6

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	503.3	98.6
MeSH	501.8	506.6	101.0
DMS	497.0	500.5	100.7

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

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV
DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV

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242416

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 Dovalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					Lab ID
MS-06	64999	10-7-24	1244	tedlar 1	X					
MS-07	65000		1416		X					
MS-08	65001		1442		X					
MS-09	65002		1451		X					
MS-10	65003		1202		X					
MS-11	65004		1216		X					
MS-12	65005		1435		X					
SCV	65006		1151		X					
Chiquito Cyn Rd	65007		1425		X					
S. End Lincoln	65008		1430		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 Dovalos Signature: ND	Date 10/7 Time	**Received By** Print: Signature:	Date 10/7/24 Time 1605
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242416

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 Donatos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					LAB USE ONLY Lab ID
MS-01	65009	10-7-24	1315	tedlar 1	X					
MS-02	65010		1404		X					
MS-03	65011		1252		X					
MS-04	65012		1346		X					
MS-05	65013		1305		X					
Working Face	65014		1333		X					
Reaction	65015		1355		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 Donatos Signature: ND	Date 10/7 Time	**Received By** Print: Signature:	Date 10/7/24 Time 1605
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242416

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	~~TO-15 FULL LIST + DMS~~	TO-15 Extended List + DMS				Lab ID
MS-06	64982	10-7-24	1244	summa 1		X				
MS-07	64983		1416			X				
MS-08	64984		1442			X				
MS-09	64985		1451			X				
MS-10	64986		1202			X				
MS-11	64987		1216			X				
MS-12	64988		1435			X				
SCV	64989		1151			X				
Chiquito Cyn Rd	64990		1425			X				
S. End Lincoln	64991		1430			X				

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date / Time	**Received By** Print: Signature:	Date 10/7/24 Time 1605
Relinquished By Print: Signature:	Date / Time	**Received By** Print: Signature:	Date / Time

17x cans

242416

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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 FULL LIST +SVOA	TO-15 Extended List + DMS			
MS-01	64992	10-7-24	1315	summa 1		X			
MS-02	64993		1404			X			
MS-03	64994		1252			X			
MS-04	64995		1346			X			
MS-05	64996		1305			X			
Working Face	64997		1333			X			
Reaction	64998		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 10/7 Time	Received By Print: Signature:	Date 10/7/24 Time 1605
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.	: 242485
REPORT DATE	: 10/16/2024

On October 14th 2024, 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	242485-65398	S. End Lincoln	242485-65407
MS-07	242485-65399	MS-01	242485-65408
MS-08	242485-65400	MS-02	242485-65409
MS-09	242485-65401	MS-03	242485-65410
MS-10	242485-65402	MS-04	242485-65411
MS-11	242485-65403	MS-05	242485-65412
MS-12	242485-65404	Working Face	242485-65413
SCV	242485-65405	Reaction	242485-65414
Chiquito Cyn Rd	242485-65406		

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. : 242485
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/14/2024
RECEIVING DATE : 10/14/2024
ANALYSIS DATE : 10/14-15/2024
REPORT DATE : 10/16/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	242485-65398	242485-65399	242485-65400	242485-65401	242485-65402	242485-65403
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

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

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

Atmospheric Analysis & Consulting, Inc

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242485
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/14/2024
RECEIVING DATE : 10/14/2024
ANALYSIS DATE : 10/14-15/2024
REPORT DATE : 10/16/2024

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	242485-65404	242485-65405	242485-65406	242485-65407	242485-65408	242485-65409
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. : 242485
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/14/2024
RECEIVING DATE : 10/14/2024
ANALYSIS DATE : 10/15/2024
REPORT DATE : 10/16/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	242485-65410	242485-65411	242485-65412	242485-65413	242485-65414
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: 10/14/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7053	0.496	97.0	1.4
Duplicate	7242	0.509	99.6	1.3
Triplicate	7158	0.503	98.4	0.1

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5908	0.493	98.2	1.8
Duplicate	6039	0.504	100.3	0.4
Triplicate	6105	0.509	101.4	1.5

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8870	0.518	104.2	0.5
Duplicate	8882	0.518	104.3	0.6
Triplicate	8723	0.509	102.4	1.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.259	0.270	101.4	105.7	4.2
MeSH	<PQL	0.251	0.231	0.252	92.0	100.4	8.7
DMS	<PQL	0.249	0.246	0.269	99.0	108.2	8.9

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.529	103.5
MeSH	0.502	0.503	100.2
DMS	0.497	0.497	100.0

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/14/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11751.4	515	100.9	1.4
Duplicate	11405.91	500	98.0	1.6
Triplicate	11609.93	509	99.7	0.2

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10135.38	500	99.6	1.5
Duplicate	10479.59	517	103.0	1.8
Triplicate	10255	506	100.8	0.3

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	14962.24	509	102.4	0.1
Duplicate	14964.75	509	102.4	0.1
Triplicate	15010	511	102.7	0.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	259.6	248.7	101.7	97.4	4.3
MeSH	<PQL	250.9	255.0	254.6	101.6	101.5	0.1
DMS	<PQL	248.5	266.9	266.4	107.4	107.2	0.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	493.1	96.6
MeSH	501.8	491.5	98.0
DMS	497.0	507.3	102.1

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/15/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7302	0.513	100.4	1.9
Duplicate	7538	0.530	103.7	1.3
Triplicate	7490	0.526	103.0	0.6

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5925	0.494	98.5	3.8
Duplicate	6261	0.522	104.0	1.7
Triplicate	6288	0.524	104.5	2.1

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8359	0.488	98.2	3.8
Duplicate	8866	0.517	104.1	2.1
Triplicate	8833	0.516	103.7	1.7

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242485-65412**

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 242485-65412 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.253	0.254	99.0	99.4	0.4
MeSH	<PQL	0.251	0.259	0.256	103.2	102.0	1.2
DMS	<PQL	0.249	0.268	0.265	107.8	106.6	1.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.482	94.3
MeSH	0.502	0.490	97.6
DMS	0.497	0.497	100.0

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/15/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11467.44	503	98.5	0.5
Duplicate	11581.27	508	99.5	1.5
Triplicate	11189.77	491	96.1	2.0

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10035.77	495	98.7	1.6
Duplicate	10310.82	509	101.4	1.1
Triplicate	10262	506	100.9	0.6

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15039.97	512	102.9	0.6
Duplicate	15241.39	518	104.3	0.7
Triplicate	15126	515	103.5	0.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242485-65407**

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 242485-65407 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	247.5	250.7	97.0	98.2	1.3
MeSH	<PQL	250.9	250.6	248.8	99.9	99.2	0.8
DMS	<PQL	248.5	265.2	259.3	106.7	104.4	2.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	518.8	101.6
MeSH	501.8	514.4	102.5
DMS	497.0	520.6	104.7

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 50.0 ppbV
MDL =5.0 ppbV

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

~~2425~~ 242485
no column

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

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

AAC Project No.:

Client/Company Name SCS ENGINEERS **Project Manager Name** PAUL SCHAFER	**Project Name** CHIQUITA [OFF] **Project Number** 01204123.21 TASK 22
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal	**Sampler Name** **Print:** Nathaniel Davalos **Signature:** ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR					Lab ID
MS-06	655398	10-14-21	1249	tedlar 1	X					
MS-07	655399		1452		X					
MS-08	655400		1523		X					
MS-09	655401		1543		X					
MS-10	655402		1215		X					
MS-11	655403		1230		X					
MS-12	655404		1515		X					
SCV	655405		1204		X					
Chiquito Cyn Rd	655406		1500		X					
S. End Lincoln	655407		1507		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** 10/14 **Time**	**Received By** **Print:** **Signature:**	**Date** 10/15 **Time** 1652
Relinquished By **Print:** **Signature:**	**Date** **Time**	**Received By** **Print:** **Signature:**	**Date** **Time**

Z42485

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR				
MS-01	65408	10-14-21	1334	tedlar 1	X				
MS-02	65409		1438		X				
MS-03	65410		1259		X				
MS-04	65411		1421		X				
MS-05	65412		1320		X				
Working Face	65413		1346		X				
Reaction	65414	↓	1415		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 10/14 Time	**Received By** Print: Signature:	Date 10/14/21 Time 1652
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242485

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS
MS-06	65381	10-14-24	1249	summa 1	X
MS-07	65382		1452		X
MS-08	65383		1523		X
MS-09	65384		1543		X
MS-10	65385		1215		X
MS-11	65386		1230		X
MS-12	65387		1515		X
SCV	65388		1204		X
Chiquito Cyn Rd	65389		1500		X
S. End Lincoln	65390		1507		X

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

Send Invoice To (Name/Email/Address)

PO Number

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:	Date 10/14 Time	**Received By** Print: Signature:	Date 10/14/24 Time 1652
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242485

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested
TO-15 EXTENDED LIST - DMS

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		Lab ID
MS-01	65391	10-14-21	1334	summa 1	X	
MS-02	65392		1438		X	
MS-03	65393		1259		X	
MS-04	65394		1421		X	
MS-05	65395		1320		X	
Working Face	65396		1346		X	
Reaction	65397	↓	1413		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 10/14 Time	**Received By** Print: Signature:	Date 10/14/21 Time 1652
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

9 lo - 17 + cans

Atmospheric Analysis & Consulting, Inc

CLIENT	: SCS Engineers
PROJECT NAME	: Chiquita ON/OFF
PROJECT NO.	: 01204123.21 TASK 22
AAC PROJECT NO.	: 242485
REPORT DATE	: 10/17/2024

On October 14, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide 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	242485-65381	698.0	S End Lincoln	242485-65390	700.5
MS-07	242485-65382	699.0	MS-01	242485-65391	705.2
MS-08	242485-65383	703.9	MS-02	242485-65392	714.5
MS-09	242485-65384	693.2	MS-03	242485-65393	696.6
MS-10	242485-65385	699.5	MS-04	242485-65394	698.8
MS-11	242485-65386	694.7	MS-05	242485-65395	713.6
MS-12	242485-65387	687.3	Working Face	242485-65396	704.8
SCV	242485-65388	705.9	Reaction	242485-65397	691.9
Chiquito Cyn Rd	242485-65389	699.5	--	--	--

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 27 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65381				242485-65382				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.47				1.47				
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	1.47	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	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	7.37	<SRL	U	1	7.35	5.00
Methanol	<SRL	U	1	7.37	<SRL	U	1	7.35	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	5.79		1	2.95	<SRL	U	1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
Acetone	5.96		1	2.95	4.53		1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.95	<SRL	U	1	2.94	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	1.47	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.95	<SRL	U	1	2.94	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	1.47	<SRL	U	1	1.47	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	0.74	<SRL	U	1	0.74	0.50
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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65381				242485-65382				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.47				1.47				
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	0.74	<SRL	U	1	0.74	0.50
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	1.47	<SRL	U	1	1.47	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	0.74	<SRL	U	1	0.74	0.50
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	1.47	<SRL	U	1	1.47	1.00
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	1.47	<SRL	U	1	1.47	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	1.47	<SRL	U	1	1.47	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.74	0.50
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	0.74	<SRL	U	1	0.74	0.50
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	0.74	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		98%				93%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65383				242485-65384				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.45				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.45	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.25	<SRL	U	1	7.42	5.00
Methanol	<SRL	U	1	7.25	<SRL	U	1	7.42	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.90	<SRL	U	1	2.97	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.45	<SRL	U	1	1.48	1.00
Acetone	4.34		1	2.90	4.69		1	2.97	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.90	<SRL	U	1	2.97	2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.90	<SRL	U	1	2.97	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.45	<SRL	U	1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65383				242485-65384				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.45				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	1.45	<SRL	U	1	1.48	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		91%				93%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65385				242485-65386				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.46				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.32	<SRL	U	1	7.33	5.00
Methanol	<SRL	U	1	7.32	<SRL	U	1	7.33	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethanol	3.05		1	2.93	3.75		1	2.93	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
Acetone	5.16		1	2.93	6.45		1	2.93	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.93	<SRL	U	1	2.93	2.00
Acrylonitrile	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.93	<SRL	U	1	2.93	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65385				242485-65386				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.46				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	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	1.46	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	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	1.46	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
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		96%				91%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65387				242485-65388				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.49				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.49	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.43	<SRL	U	1	7.23	5.00
Methanol	<SRL	U	1	7.43	<SRL	U	1	7.23	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.97	3.04		1	2.89	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.49	<SRL	U	1	1.45	1.00
Acetone	4.72		1	2.97	9.06		1	2.89	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.97	<SRL	U	1	2.89	2.00
Acrylonitrile	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.49	<SRL	U	1	1.45	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Allyl Chloride	<SRL	U	1	1.49	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.97	<SRL	U	1	2.89	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2-Butanone (MEK)	<SRL	U	1	1.49	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65387				242485-65388				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.49				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.49	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.49	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.49	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
β-Pinene	<SRL	U	1	1.49	<SRL	U	1	1.45	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
BFB-Surrogate Std. % Recovery		93%				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 : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65389				242485-65390				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.46				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	1.46	<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	7.29	<SRL	U	1	7.26	5.00
Methanol	<SRL	U	1	7.29	<SRL	U	1	7.26	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	2.92	<SRL	U	1	2.90	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.45	1.00
Acetone	4.51		1	2.92	4.39		1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.92	<SRL	U	1	2.90	2.00
Acrylonitrile	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.45	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.92	<SRL	U	1	2.90	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	1.46	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65389				242485-65390				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.46				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	1.46	<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	1.46	<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	1.46	<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	1.46	<SRL	U	1	1.45	1.00
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		93%				92%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65391				242485-65392				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
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	7.25	<SRL	U	1	7.20	5.00
Methanol	<SRL	U	1	7.25	<SRL	U	1	7.20	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Ethanol	4.25		1	2.90	4.26		1	2.88	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	5.78		1	2.90	5.14		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.90	<SRL	U	1	2.88	2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<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	2.88	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	1.45	<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 : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65391				242485-65392				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
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	1.45	<SRL	U	1	1.44	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Naphthalene	<SRL	U	1	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		94%				92%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65393				242485-65394				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.47				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.35	<SRL	U	1	7.31	5.00
Methanol	<SRL	U	1	7.35	<SRL	U	1	7.31	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethanol	6.62		1	2.94	3.57		1	2.92	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Acetone	6.06		1	2.94	5.32		1	2.92	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.94	<SRL	U	1	2.92	2.00
Acrylonitrile	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.94	<SRL	U	1	2.92	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65393				242485-65394				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.47				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		98%				93%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65395				242485-65396				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.44				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.18	<SRL	U	1	7.25	5.00
Methanol	<SRL	U	1	7.18	<SRL	U	1	7.25	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	3.18		1	2.87	25.1		1	2.90	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Acetone	5.23		1	2.87	6.74		1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	0.75		1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.87	<SRL	U	1	2.90	2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.87	<SRL	U	1	2.90	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65395				242485-65396				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/15/2024				10/15/2024				
Can Dilution Factor	1.44				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		94%				95%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65397				
Date Sampled	10/14/2024				
Date Analyzed	10/15/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.42	5.00
Methanol	218		1	7.42	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	17.2		1	2.97	2.00
Vinyl Bromide	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.48	1.00
Acetone	8.17		1	2.97	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.97	2.00
Acrylonitrile	<SRL	U	1	0.74	0.50
1,1-Dichloroethene	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.97	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)	1.62		1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242485
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/14/2024
DATE REPORTED : 10/17/2024
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	242485-65397				
Date Sampled	10/14/2024				
Date Analyzed	10/15/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.74	0.50
Carbon Tetrachloride	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	1.48	1.00
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		98%			70-130%

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

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/15/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/20/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.57	102
Chlorodifluoromethane	10.20	10.24	100
Propene	10.70	10.62	99
Dichlorodifluoromethane	10.40	10.44	100
Dimethyl Ether	10.10	10.01	99
Chloromethane	10.50	10.30	98
Dichlorotetrafluoroethane	10.20	9.64	95
Vinyl Chloride	10.60	11.00	104
Acetaldehyde	20.90	23.17	111
Methanol	20.40	21.34	105
1,3-Butadiene	10.70	10.97	103
Bromomethane	10.40	10.19	98
Chloroethane	10.40	9.77	94
Dichlorofluoromethane	10.10	9.95	99
Ethanol	11.40	9.87	87
Vinyl Bromide	10.10	10.04	99
Acrolein	10.90	12.30	113
Acetone	10.60	10.18	96
Trichlorofluoromethane	10.50	10.19	97
2-Propanol (IPA)	11.00	10.27	93
Acrylonitrile	11.10	10.94	99
1,1-Dichloroethene	10.50	9.92	94
Methylene Chloride (DCM)	10.40	9.72	93
TertButanol (TBA)	11.20	12.36	110
Allyl Chloride	10.20	10.72	105
Carbon Disulfide	10.50	11.85	113
Trichlorotrifluoroethane	10.30	9.57	93
trans-1,2-Dichloroethene	10.80	10.94	101
1,1-Dichloroethane	10.70	10.81	101
Methyl Tert Butyl Ether (MTBE)	10.70	11.08	104
Vinyl Acetate	11.00	13.60	124
2-Butanone (MEK)	10.70	10.23	96
cis-1,2-Dichloroethene	10.70	10.69	100
Hexane	10.80	9.56	89
Chloroform	10.70	10.82	101
Ethyl Acetate	10.70	11.36	106
Tetrahydrofuran	10.40	9.74	94
1,2-Dichloroethane	10.60	10.43	98
1,1,1-Trichloroethane	10.50	10.68	102
Benzene	10.70	10.94	102
Carbon Tetrachloride	10.30	11.44	111
Cyclohexane	10.50	10.30	98

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	11.29	106
Bromodichloromethane	10.50	12.04	115
1,4-Dioxane	10.50	10.43	99
Trichloroethene (TCE)	10.50	10.27	98
2,2,4-Trimethylpentane	10.10	10.34	102
Methyl Methacrylate	11.00	11.52	105
Heptane	10.50	10.37	99
cis-1,3-Dichloropropene	10.50	11.63	111
4-Methyl-2-pentanone (MiBK)	10.50	10.98	105
trans-1,3-Dichloropropene	10.60	11.66	110
1,1,2-Trichloroethane	10.60	9.61	91
Toluene	10.80	10.52	97
2-Hexanone (MBK)	10.50	11.34	108
Dibromochloromethane	10.60	12.06	114
1,2-Dibromoethane	10.60	11.01	104
Tetrachloroethene (PCE)	10.50	10.09	96
Chlorobenzene	10.80	10.42	96
Ethylbenzene	10.60	10.47	99
m & p-Xylene	21.20	20.19	95
Bromoform	10.60	11.46	108
Styrene	10.60	10.62	100
1,1,2,2-Tetrachloroethane	10.60	10.52	99
o-Xylene	10.60	10.49	99
1,2,3-Trichloropropane	11.00	11.00	100
Isopropylbenzene (Cumene)	10.40	10.18	98
α-Pinene	10.80	10.59	98
2-Chlorotoluene	10.30	10.19	99
n-Propylbenzene	10.10	9.97	99
4-Ethyltoluene	10.40	9.83	95
1,3,5-Trimethylbenzene	10.30	9.96	97
β-Pinene	10.90	8.89	82
1,2,4-Trimethylbenzene	10.30	9.94	97
Benzyl Chloride (a-Chlorotoluene)	10.30	10.23	99
1,3-Dichlorobenzene	10.30	8.64	84
1,4-Dichlorobenzene	10.20	9.64	95
Sec-ButylBenzene	10.00	9.91	99
1,2-Dichlorobenzene	10.40	9.79	94
n-ButylBenzene	10.20	9.26	91
1,2-Dibromo-3-Chloropropane	10.10	10.20	101
1,2,4-Trichlorobenzene	10.50	9.78	93
Naphthalene	10.90	10.38	95
Hexachlorobutadiene	10.80	9.52	88

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

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

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

* - β-Pinene results are estimated.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/15/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
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	9.57	9.47	102	101	1.1
1,1-Dichloroethene	0.0	10.50	9.92	10.15	94	97	2.3
Methylene Chloride (DCM)	0.0	10.40	9.72	10.04	93	97	3.2
Benzene	0.0	10.70	10.94	11.21	102	105	2.4
Trichloroethene (TCE)	0.0	10.50	10.27	10.51	98	100	2.3
Toluene	0.0	10.80	10.52	11.19	97	104	6.2
Tetrachloroethene (PCE)	0.0	10.50	10.09	10.81	96	103	6.9
Chlorobenzene	0.0	10.80	10.42	10.44	96	97	0.2
Ethylbenzene	0.0	10.60	10.47	10.38	99	98	0.9
m & p-Xylene	0.0	21.20	20.19	20.32	95	96	0.6
o-Xylene	0.0	10.60	10.49	10.52	99	99	0.3

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/15/2024 | **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 101524*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	95%	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 101524*	*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 : 10/15/2024
MATRIX : Air
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242485-65397

Analyte Compounds		*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)		9.22	8.87	3.9
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	2.79	2.88	3.1
Methanol		119	130	8.4
1,3-Butadiene		<SRL	<SRL	*NA*
Bromomethane		<SRL	<SRL	*NA*
Chloroethane		<SRL	<SRL	*NA*
Dichlorofluoromethane		<SRL	<SRL	*NA*
Ethanol		17.2	17.9	3.9
Vinyl Bromide		<SRL	<SRL	*NA*
Acrolein		<SRL	<SRL	*NA*
Acetone		8.17	8.25	0.9
Trichlorofluoromethane		<SRL	<SRL	*NA*
2-Propanol (IPA)	J	2.27	2.31	1.9
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)		1.62	1.59	1.9
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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242485

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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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-06	65381	10-14-21	1249	summa 1	X					
MS-07	65382		1452		X					
MS-08	65383		1523		X					
MS-09	65384		1543		X					
MS-10	65385		1215		X					
MS-11	65386		1230		X					
MS-12	65387		1515		X					
SCV	65388		1204		X					
Chiquito Cyn Rd	65389		1500		X					
S. End Lincoln	65390		1507		X					

LAB USE ONLY:
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Returned/Sent:
Total cans:
Unused cans:
Flow Controllers:

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY:
Notes:

Relinquished By Print: Nathaniel Davalos Signature:	Date 10/14 Time	**Received By** Print: Signature:	Date 10/14/21 Time 1653
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

2412485

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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	65391	10-14-21	1334	summa 1	X				
MS-02	65392	"	1438		X				
MS-03	65393	"	1259		X				
MS-04	65394	"	1421		X				
MS-05	65395	"	1320		X				
Working Face	65396	"	1346		X				
Reaction	65397	"	1415		X				

LAB USE ONLY

Lab ID	Sample Received via: ☐FedEx ☐UPS ☐Courier ☐Other
	Temperature: °C
	Thermometer ID:
	Initials:
	Returned Client?
	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 10/14 Time	**Received By** Print: Signature:	Date 10/14/21 Time 1653
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

9/10 - 17+ cans

~~2428~~ 242185
no 10/14/21

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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	65398	10-14-21	1249	tedlar 1	X				
MS-07	65399		1452		X				
MS-08	65400		1523		X				
MS-09	65401		1543		X				
MS-10	65402		1215		X				
MS-11	65403		1230		X				
MS-12	65404		1515		X				
SCV	65405		1204		X				
Chiquito Cyn Rd	65406		1500		X				
S. End Lincoln	65407		1507		X				

LAB USE ONLY
Lab ID
Sample Received via: ☐Fedex ☐UPS ☐Courier ☐Other
Temperature
Thermometer ID
Initials
Preserved Bottles
Total Containers
Unused vials
Flow Controller

Client Notes/Special Instructions:

EDD?
☐Yes
☐No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 10/14 Time	**Received By** Print: Signature:	Date 10/14/21 Time 1652
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

Z42485

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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 Donalds
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR				
MS-01	65408	10-14-24	1334	tedlar 1	X				
MS-02	65409		1438		X				
MS-03	65410		1259		X				
MS-04	65411		1421		X				
MS-05	65412		1320		X				
Working Face	65413		1346		X				
Reaction	65414		1415		X				

LAB USE ONLY
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Equipment Blank
Total Cans
Unused Cans
New Containers

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes

Relinquished By Print: Nathaniel Donalds Signature: ND	Date 10/14 Time	**Received By** Print: H Signature:	Date 10/14/24 Time 1652
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.	: 242547
REPORT DATE	: 10/23/2024

On October 21, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide 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	242547-65769	712.5	S End Lincoln	242547-65778	697.8
MS-07	242547-65770	698.9	MS-01	242547-65779	695.8
MS-08	242547-65771	693.4	MS-02	242547-65780	696.8
MS-09	242547-65772	702.3	MS-03	242547-65781	716.0
MS-10	242547-65773	715.9	MS-04	242547-65782	683.7
MS-11	242547-65774	702.2	MS-05	242547-65783	702.9
MS-12	242547-65775	695.2	Working Face	242547-65784	683.0
SCV	242547-65776	721.9	Reaction	242547-65785	695.2
Chiquito Cyn Rd	242547-65777	701.4	--	--	--

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 28 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65769				242547-65770				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.44				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.20	<SRL	U	1	7.42	5.00
Methanol	<SRL	U	1	7.20	<SRL	U	1	7.42	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.88	<SRL	U	1	2.97	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Acetone	2.99		1	2.88	<SRL	U	1	2.97	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.88	<SRL	U	1	2.97	2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.88	<SRL	U	1	2.97	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65769				242547-65770				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.44				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		96%				94%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65771				242547-65772				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.49				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.49	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.43	<SRL	U	1	7.31	5.00
Methanol	<SRL	U	1	7.43	<SRL	U	1	7.31	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.97	<SRL	U	1	2.92	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.49	<SRL	U	1	1.46	1.00
Acetone	<SRL	U	1	2.97	3.46		1	2.92	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.97	<SRL	U	1	2.92	2.00
Acrylonitrile	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.49	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.49	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.97	<SRL	U	1	2.92	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.49	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65771				242547-65772				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.49				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.49	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.49	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.49	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	1.49	<SRL	U	1	1.46	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		95%				95%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65773				242547-65774				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.43				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.14	<SRL	U	1	7.31	5.00
Methanol	<SRL	U	1	7.14	<SRL	U	1	7.31	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.86	<SRL	U	1	2.92	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Acetone	4.70		1	2.86	4.24		1	2.92	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.92	2.00
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.92	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65773				242547-65774				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.43				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		94%				94%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65775				242547-65776				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.49				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.49	<SRL	U	1	1.41	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.47	<SRL	U	1	7.05	5.00
Methanol	<SRL	U	1	7.47	<SRL	U	1	7.05	5.00
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.99	<SRL	U	1	2.82	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.49	<SRL	U	1	1.41	1.00
Acetone	<SRL	U	1	2.99	6.67		1	2.82	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.99	<SRL	U	1	2.82	2.00
Acrylonitrile	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.49	<SRL	U	1	1.41	1.00
TertButanol (TBA)	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.49	<SRL	U	1	1.41	1.00
Carbon Disulfide	<SRL	U	1	2.99	<SRL	U	1	2.82	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.49	<SRL	U	1	1.41	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.75	<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 : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65775				242547-65776				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.49				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.49	<SRL	U	1	1.41	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.49	<SRL	U	1	1.41	1.00
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.49	<SRL	U	1	1.41	1.00
Bromoform	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	1.49	<SRL	U	1	1.41	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		93%				93%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65777				242547-65778				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.50				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.50	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.51	<SRL	U	1	7.35	5.00
Methanol	<SRL	U	1	7.51	<SRL	U	1	7.35	5.00
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	3.00	<SRL	U	1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.50	<SRL	U	1	1.47	1.00
Acetone	<SRL	U	1	3.00	3.25		1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	3.00	<SRL	U	1	2.94	2.00
Acrylonitrile	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.50	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.50	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	3.00	<SRL	U	1	2.94	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.50	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65777				242547-65778				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.50				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.50	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.50	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.50	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	1.50	<SRL	U	1	1.47	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		93%				93%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65779				242547-65780				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.49				1.50				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Propene	<SRL	U	1	1.49	<SRL	U	1	1.50	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Acetaldehyde	<SRL	U	1	7.43	<SRL	U	1	7.48	5.00
Methanol	<SRL	U	1	7.43	<SRL	U	1	7.48	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Ethanol	<SRL	U	1	2.97	<SRL	U	1	2.99	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Acrolein	<SRL	U	1	1.49	<SRL	U	1	1.50	1.00
Acetone	<SRL	U	1	2.97	15.2		1	2.99	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2-Propanol (IPA)	<SRL	U	1	2.97	<SRL	U	1	2.99	2.00
Acrylonitrile	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.49	<SRL	U	1	1.50	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Allyl Chloride	<SRL	U	1	1.49	<SRL	U	1	1.50	1.00
Carbon Disulfide	<SRL	U	1	2.97	<SRL	U	1	2.99	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2-Butanone (MEK)	<SRL	U	1	1.49	<SRL	U	1	1.50	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65779				242547-65780				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.49				1.50				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,4-Dioxane	<SRL	U	1	1.49	<SRL	U	1	1.50	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2-Hexanone (MBK)	<SRL	U	1	1.49	<SRL	U	1	1.50	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
m & p-Xylene	<SRL	U	1	1.49	<SRL	U	1	1.50	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
β-Pinene	<SRL	U	1	1.49	<SRL	U	1	1.50	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.75	0.50
BFB-Surrogate Std. % Recovery		92%				97%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65781				242547-65782				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.42				1.51				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.51	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Acetaldehyde	<SRL	U	1	7.12	<SRL	U	1	7.57	5.00
Methanol	<SRL	U	1	7.12	<SRL	U	1	7.57	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Ethanol	<SRL	U	1	2.85	4.98		1	3.03	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Acrolein	<SRL	U	1	1.42	<SRL	U	1	1.51	1.00
Acetone	3.56		1	2.85	3.44		1	3.03	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	3.03	2.00
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.51	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.51	1.00
Carbon Disulfide	<SRL	U	1	2.85	<SRL	U	1	3.03	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.51	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65781				242547-65782				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.42				1.51				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.51	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.51	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.51	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
β-Pinene	<SRL	U	1	1.42	<SRL	U	1	1.51	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.76	0.50
BFB-Surrogate Std. % Recovery		94%				94%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65783				242547-65784				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.47				1.49				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Propene	<SRL	U	1	1.47	<SRL	U	1	1.49	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Acetaldehyde	<SRL	U	1	7.35	<SRL	U	1	7.46	5.00
Methanol	<SRL	U	1	7.35	<SRL	U	1	7.46	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Ethanol	4.35		1	2.94	7.91		1	2.99	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Acrolein	<SRL	U	1	1.47	<SRL	U	1	1.49	1.00
Acetone	3.67		1	2.94	4.36		1	2.99	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
2-Propanol (IPA)	<SRL	U	1	2.94	<SRL	U	1	2.99	2.00
Acrylonitrile	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	<SRL	U	1	1.49	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.49	1.00
Carbon Disulfide	<SRL	U	1	2.94	<SRL	U	1	2.99	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
2-Butanone (MEK)	<SRL	U	1	1.47	<SRL	U	1	1.49	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65783				242547-65784				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/22/2024				10/22/2024				
Can Dilution Factor	1.47				1.49				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,4-Dioxane	<SRL	U	1	1.47	<SRL	U	1	1.49	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
2-Hexanone (MBK)	<SRL	U	1	1.47	<SRL	U	1	1.49	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
m & p-Xylene	<SRL	U	1	1.47	<SRL	U	1	1.49	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
β-Pinene	<SRL	U	1	1.47	<SRL	U	1	1.49	1.00
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
n-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Naphthalene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.75	0.50
BFB-Surrogate Std. % Recovery		96%				92%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65785				
Date Sampled	10/21/2024				
Date Analyzed	10/22/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	0.50
Propene	22.2		1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	0.50
Dimethyl Ether	44.9		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	12.4		1	7.42	5.00
Methanol	6860		25	185	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	625		25	74.2	2.00
Vinyl Bromide	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.48	1.00
Acetone	138		1	2.97	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	55.2		1	2.97	2.00
Acrylonitrile	<SRL	U	1	0.74	0.50
1,1-Dichloroethene	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.48	1.00
TertButanol (TBA)	2.80		1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.97	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)	76.9		1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.74	0.50
Ethyl Acetate	4.97		1	0.74	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242547
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
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	242547-65785				
Date Sampled	10/21/2024				
Date Analyzed	10/22/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	85.6		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	53.8		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	2.36		1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	2.91		1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	0.50
Toluene	5.46		1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.74	0.50
Ethylbenzene	3.40		1	0.74	0.50
m & p-Xylene	3.10		1	1.48	1.00
Bromoform	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	0.50
o-Xylene	1.41		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	1.25		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	1.07		1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	1.48	1.00
1,2,4-Trimethylbenzene	1.50		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		100%			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 : 242547
MATRIX : AIR

DATE RECEIVED : 10/21/2024
DATE REPORTED : 10/23/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethylsulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242547-65769	10/21/2024	10/22/2024	<SRL	U	1.44	1.0	96%
MS-07	242547-65770	10/21/2024	10/22/2024	<SRL	U	1.48	1.0	94%
MS-08	242547-65771	10/21/2024	10/22/2024	<SRL	U	1.49	1.0	95%
MS-09	242547-65772	10/21/2024	10/22/2024	<SRL	U	1.46	1.0	95%
MS-10	242547-65773	10/21/2024	10/22/2024	<SRL	U	1.43	1.0	94%
MS-11	242547-65774	10/21/2024	10/22/2024	<SRL	U	1.46	1.0	94%
MS-12	242547-65775	10/21/2024	10/22/2024	<SRL	U	1.49	1.0	93%
SCV	242547-65776	10/21/2024	10/22/2024	<SRL	U	1.41	1.0	93%
Chiquito Cyn Rd	242547-65777	10/21/2024	10/22/2024	<SRL	U	1.50	1.0	93%
S End Lincoln	242547-65778	10/21/2024	10/22/2024	<SRL	U	1.47	1.0	93%
MS-01	242547-65779	10/21/2024	10/22/2024	<SRL	U	1.49	1.0	92%
MS-02	242547-65780	10/21/2024	10/22/2024	<SRL	U	1.50	1.0	97%
MS-03	242547-65781	10/21/2024	10/22/2024	<SRL	U	1.42	1.0	94%
MS-04	242547-65782	10/21/2024	10/22/2024	<SRL	U	1.51	1.0	94%
MS-05	242547-65783	10/21/2024	10/22/2024	<SRL	U	1.47	1.0	96%
Working Face	242547-65784	10/21/2024	10/22/2024	<SRL	U	1.49	1.0	92%
Reaction	242547-65785	10/21/2024	10/22/2024	79.5		1.48	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.

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/22/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/20/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	8.94	95
Chlorodifluoromethane	10.20	10.45	102
Propene	10.70	10.77	101
Dichlorodifluoromethane	10.40	10.60	102
Dimethyl Ether	10.10	10.43	103
Chloromethane	10.50	11.13	106
Dichlorotetrafluoroethane	10.20	9.94	97
Vinyl Chloride	10.60	11.37	107
Acetaldehyde	20.90	22.88	109
Methanol	20.40	19.88	97
1,3-Butadiene	10.70	11.58	108
Bromomethane	10.40	9.82	94
Chloroethane	10.40	10.10	97
Dichlorofluoromethane	10.10	10.11	100
Ethanol	11.40	8.13	71
Vinyl Bromide	10.10	10.13	100
Acrolein	10.90	11.76	108
Acetone	10.60	10.15	96
Trichlorofluoromethane	10.50	10.27	98
2-Propanol (IPA)	11.00	9.02	82
Acrylonitrile	11.10	10.09	91
1,1-Dichloroethene	10.50	10.24	98
Methylene Chloride (DCM)	10.40	9.80	94
TertButanol (TBA)	11.20	12.52	112
Allyl Chloride	10.20	11.26	110
Carbon Disulfide	10.50	12.51	119
Trichlorotrifluoroethane	10.30	9.60	93
trans-1,2-Dichloroethene	10.80	11.36	105
1,1-Dichloroethane	10.70	11.06	103
Methyl Tert Butyl Ether (MTBE)	10.70	11.33	106
Vinyl Acetate	11.00	14.04	128
2-Butanone (MEK)	10.70	10.11	94
cis-1,2-Dichloroethene	10.70	11.06	103
Hexane	10.80	9.83	91
Chloroform	10.70	11.02	103
Ethyl Acetate	10.70	11.65	109
Tetrahydrofuran	10.40	10.23	98
1,2-Dichloroethane	10.60	10.77	102
1,1,1-Trichloroethane	10.50	10.97	104
Benzene	10.70	11.31	106
Carbon Tetrachloride	10.30	11.88	115
Cyclohexane	10.50	10.18	97

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	11.87	111
Bromodichloromethane	10.50	12.65	120
1,4-Dioxane	10.50	10.98	105
Trichloroethene (TCE)	10.50	10.62	101
2,2,4-Trimethylpentane	10.10	10.73	106
Methyl Methacrylate	11.00	12.13	110
Heptane	10.50	10.73	102
cis-1,3-Dichloropropene	10.50	12.39	118
4-Methyl-2-pentanone (MiBK)	10.50	11.71	112
trans-1,3-Dichloropropene	10.60	12.27	116
1,1,2-Trichloroethane	10.60	10.02	95
Toluene	10.80	10.91	101
2-Hexanone (MBK)	10.50	11.78	112
Dibromochloromethane	10.60	11.63	110
1,2-Dibromoethane	10.60	11.10	105
Tetrachloroethene (PCE)	10.50	10.92	104
Chlorobenzene	10.80	10.35	96
Ethylbenzene	10.60	10.35	98
m & p-Xylene	21.20	20.47	97
Bromoform	10.60	11.89	112
Styrene	10.60	10.41	98
1,1,2,2-Tetrachloroethane	10.60	10.52	99
o-Xylene	10.60	10.41	98
1,2,3-Trichloropropane	11.00	11.02	100
Isopropylbenzene (Cumene)	10.40	10.06	97
α-Pinene	10.80	10.47	97
2-Chlorotoluene	10.30	10.12	98
n-Propylbenzene	10.10	9.90	98
4-Ethyltoluene	10.40	9.58	92
1,3,5-Trimethylbenzene	10.30	9.99	97
β-Pinene	10.90	7.87	72
1,2,4-Trimethylbenzene	10.30	9.58	93
Benzyl Chloride (a-Chlorotoluene)	10.30	11.29	110
1,3-Dichlorobenzene	10.30	9.10	88
1,4-Dichlorobenzene	10.20	10.66	105
Sec-ButylBenzene	10.00	9.52	95
1,2-Dichlorobenzene	10.40	10.32	99
n-ButylBenzene	10.20	9.92	97
1,2-Dibromo-3-Chloropropane	10.10	11.36	112
1,2,4-Trichlorobenzene	10.50	10.63	101
Naphthalene	10.90	11.04	101
Hexachlorobutadiene	10.80	10.46	97

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

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

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

* - β-Pinene results are estimated.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/22/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
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	8.94	8.93	95	95	0.1
1,1-Dichloroethene	0.0	10.50	10.24	10.23	98	97	0.1
Methylene Chloride (DCM)	0.0	10.40	9.80	9.58	94	92	2.3
Benzene	0.0	10.70	11.31	11.02	106	103	2.6
Trichloroethene (TCE)	0.0	10.50	10.62	10.65	101	101	0.3
Toluene	0.0	10.80	10.91	10.45	101	97	4.3
Tetrachloroethene (PCE)	0.0	10.50	10.92	10.75	104	102	1.6
Chlorobenzene	0.0	10.80	10.35	10.29	96	95	0.6
Ethylbenzene	0.0	10.60	10.35	10.16	98	96	1.9
m & p-Xylene	0.0	21.20	20.47	20.11	97	95	1.8
o-Xylene	0.0	10.60	10.41	10.29	98	97	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 : 10/22/2024
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 102224*	*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 102224*	*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 : 10/22/2024
MATRIX : Air
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242547-65785

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.43	9.48	0.5
Chlorodifluoromethane	<SRL	<SRL	*NA*
Propene	22.2	23.1	3.8
Dichlorodifluoromethane	<SRL	<SRL	*NA*
Dimethyl Ether	44.9	45.2	0.8
Chloromethane	<SRL	<SRL	*NA*
Dichlorotetrafluoroethane	<SRL	<SRL	*NA*
Vinyl Chloride	<SRL	<SRL	*NA*
Acetaldehyde	12.4	12.0	3.2
Methanol E	2020	2010	0.5
1,3-Butadiene	<SRL	<SRL	*NA*
Bromomethane	<SRL	<SRL	*NA*
Chloroethane	<SRL	<SRL	*NA*
Dichlorofluoromethane	<SRL	<SRL	*NA*
Ethanol	363	369	1.7
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	138	131	5.4
Trichlorofluoromethane	<SRL	<SRL	*NA*
2-Propanol (IPA)	55.2	55.5	0.4
Acrylonitrile	<SRL	<SRL	*NA*
1,1-Dichloroethene	<SRL	<SRL	*NA*
Methylene Chloride (DCM)	<SRL	<SRL	*NA*
TertButanol (TBA)	2.80	2.63	6.6
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)	76.9	76.4	0.6
cis-1,2-Dichloroethene	<SRL	<SRL	*NA*
Hexane	<SRL	<SRL	*NA*
Chloroform	<SRL	<SRL	*NA*
Ethyl Acetate	4.97	4.98	0.3
Tetrahydrofuran	85.6	85.3	0.4
1,2-Dichloroethane	<SRL	<SRL	*NA*
1,1,1-Trichloroethane	<SRL	<SRL	*NA*
Benzene	53.8	52.7	1.9
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	2.36	2.31	1.9
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)	2.91	3.06	5.0
trans-1,3-Dichloropropene	<SRL	<SRL	*NA*
1,1,2-Trichloroethane	<SRL	<SRL	*NA*
Toluene	5.46	5.21	4.7
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	3.40	3.37	0.9
m & p-Xylene	3.10	3.08	0.5
Bromoform	<SRL	<SRL	*NA*
Styrene	<SRL	<SRL	*NA*
1,1,2,2-Tetrachloroethane	<SRL	<SRL	*NA*
o-Xylene	1.41	1.39	1.1
1,2,3-Trichloropropane	<SRL	<SRL	*NA*
Isopropylbenzene (Cumene)	<SRL	<SRL	*NA*
α-Pinene	1.25	1.26	1.2
2-Chlorotoluene	<SRL	<SRL	*NA*
n-Propylbenzene	<SRL	<SRL	*NA*
4-Ethyltoluene	1.07	1.17	9.3
1,3,5-Trimethylbenzene	<SRL	<SRL	*NA*
β-Pinene	<SRL	<SRL	*NA*
1,2,4-Trimethylbenzene	1.50	1.48	1.0
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)

E - Estimated value above the maximum reporting limit, shown for duplication purposes only.

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242547

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

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

Sampler Name
Print: Nathanial Dovalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-06	65769	10-21-24	1236	summa 1	X					
MS-07	65770		1412		X					
MS-08	65771		1438		X					
MS-09	65772		1448		X					
MS-10	65773		1200		X					
MS-11	65774		1216		X					
MS-12	65775		1432		X					
SCV	65776		1151		X					
Chiquito Cyn Rd	65777		1420		X					
S. End Lincoln	65778		1426		X					

LAB USE ONLY:
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Received Cans
Total cans
Unused cans
Flow Controllers

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY:
Notes:

Relinquished By Print: Nathanial Dovalos Signature: ND	Date 10/21 Time	**Received By** Print: Signature:	Date 10/21/24 Time 1657
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

AAC COC Rev 3

0/0 - 17x clean cans

Issued 02/04/2021

242547

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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 Donalos
Signature: ND

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	~~TO-15 FULL LIST +DMS~~	TO-15 Extended List + DMS			
MS-01	65779	10-21-24	1312	summa 1		X			
MS-02	65780		1401			X			
MS-03	65781		1247			X			
MS-04	65782		1339			X			
MS-05	65783		1300			X			
Working Face	65784		1327			X			
Reaction	65785		1352			X			

Analysis Requested

LAB USE ONLY
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Received Chilled
Total Cans
Unused Cans
Flow Controllers

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Donalos Signature: ND	Date 10/21 Time	**Received By** Print: Signature:	Date 10/21/24 Time 1657
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242547

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					Lab ID
MS-06	65786	10-21-21	1236	tedlar 1	X					
MS-07	65787		1412		X					
MS-08	65788		1438		X					
MS-09	65789		1448		X					
MS-10	65790		1200		X					
MS-11	65791		1216		X					
MS-12	65792		1432		X					
SCV	65793		1151		X					
Chiquito Cyn Rd	65794		1420		X					
S. End Lincoln	65795		1426		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 Davalos Signature: ND	Date 10/21 Time	**Received By** Print: Signature:	Date 10/21/21 Time 1657
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242547

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR				
MS-01	65796	10-21-24	1312	tedlar 1	X				
MS-02	65797		1401		X				
MS-03	65798		1247		X				
MS-04	65799		1339		X				
MS-05	65800		1300		X				
Working Face	65801		1327		X				
Reaction	65802		1352		X				

LAB USE ONLY
Lab ID:
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature ____ °C
Thermometer ID
Initials
Preserved Bottles
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 10/21 Time	**Received By** Print: Signature:	Date 10/21/24 Time 1651
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.	: 242547
REPORT DATE	: 10/23/2024

On October 21st 2024, 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	242547-65786	S. End Lincoln	242547-65795
MS-07	242547-65787	MS-01	242547-65796
MS-08	242547-65788	MS-02	242547-65797
MS-09	242547-65789	MS-03	242547-65798
MS-10	242547-65790	MS-04	242547-65799
MS-11	242547-65791	MS-05	242547-65800
MS-12	242547-65792	Working Face	242547-65801
SCV	242547-65793	Reaction	242547-65802
Chiquito Cyn Rd	242547-65794	-	-

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. : 242547
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/21/2024
RECEIVING DATE : 10/21/2024
ANALYSIS DATE : 10/21-22/2024
REPORT DATE : 10/23/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	242547-65786	242547-65787	242547-65788	242547-65789	242547-65790	242547-65791
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

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

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

Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242547
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/21/2024
RECEIVING DATE : 10/21/2024
ANALYSIS DATE : 10/21-22/2024
REPORT DATE : 10/23/2024

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	242547-65792	242547-65793	242547-65794	242547-65795	242547-65796	242547-65797
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. : 242547
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/21/2024
RECEIVING DATE : 10/21/2024
ANALYSIS DATE : 10/22/2024
REPORT DATE : 10/23/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	242547-65798	242547-65799	242547-65800	242547-65801	242547-65802
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	**0.105**
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	**0.009**
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	**0.006**
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005	**0.120**

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: 10/21/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7356	0.517	101.2	0.1
Duplicate	7344	0.516	101.0	0.2
Triplicate	7380	0.519	101.5	0.3

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6146	0.513	102.1	0.4
Duplicate	6110	0.510	101.5	0.2
Triplicate	6110	0.510	101.5	0.2

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8800	0.514	103.3	0.0
Duplicate	8710	0.508	102.3	1.1
Triplicate	8898	0.519	104.5	1.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.258	0.244	101.0	95.5	5.6
MeSH	<PQL	0.251	0.237	0.229	94.4	91.2	3.4
DMS	<PQL	0.249	0.257	0.265	103.4	106.6	3.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.560	109.6
MeSH	0.502	0.548	109.2
DMS	0.497	0.540	108.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/21/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11548.03	506	99.2	0.6
Duplicate	11473.11	503	98.5	0.0
Triplicate	11407.62	500	98.0	0.6

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10204.79	503	100.3	0.5
Duplicate	10452.21	516	102.8	1.9
Triplicate	10122	499	99.5	1.3

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	14466.71	492	99.0	2.7
Duplicate	14902.05	507	102.0	0.2
Triplicate	15238	518	104.3	2.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	251.1	245.8	98.4	96.3	2.1
MeSH	<PQL	250.9	240.3	250.6	95.8	99.9	4.2
DMS	<PQL	248.5	246.8	254.4	99.3	102.4	3.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	505.9	99.1
MeSH	501.8	508.2	101.3
DMS	497.0	507.2	102.0

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/22/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7441	0.523	102.3	2.3
Duplicate	7003	0.492	96.3	3.8
Triplicate	7385	0.519	101.6	1.5

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6246	0.521	103.8	3.0
Duplicate	5804	0.484	96.4	4.3
Triplicate	6145	0.513	102.1	1.3

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8817	0.515	103.5	0.9
Duplicate	8518	0.497	100.0	2.5
Triplicate	8875	0.518	104.2	1.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.261	0.264	102.2	103.3	1.1
MeSH	<PQL	0.251	0.251	0.260	100.0	103.6	3.5
DMS	<PQL	0.249	0.267	0.264	107.4	106.2	1.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.520	101.8
MeSH	0.502	0.537	107.0
DMS	0.497	0.535	107.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/22/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11338.87	497	97.4	0.3
Duplicate	11336.88	497	97.4	0.3
Triplicate	11229.01	492	96.4	0.6

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10327.84	509	101.5	0.4
Duplicate	10507.39	518	103.3	1.3
Triplicate	10280	507	101.1	0.9

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15186.55	517	103.9	0.1
Duplicate	15218.58	518	104.2	0.3
Triplicate	15126	515	103.5	0.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242547-65794**

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 242547-65794 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	255.6	245.7	100.1	96.3	3.9
MeSH	<PQL	250.9	253.7	259.0	101.1	103.3	2.1
DMS	<PQL	248.5	253.8	253.7	102.1	102.1	0.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	518.7	101.6
MeSH	501.8	513.5	102.3
DMS	497.0	502.6	101.1

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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

242547

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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 Dawalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR				
MS-06	65786	10-21-21	1236	tedlar 1	X				
MS-07	65787		1412		X				
MS-08	65788		1438		X				
MS-09	65789		1448		X				
MS-10	65790		1200		X				
MS-11	65791		1216		X				
MS-12	65792		1432		X				
SCV	65793		1151		X				
Chiquito Cyn Rd	65794		1420		X				
S. End Lincoln	65795		1426		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 Dawalos Signature: ND	Date 10/21 Time	**Received By** Print: Signature:	Date 10/21/21 Time 1657
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242547

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: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					LAB USE ONLY Lab ID
MS-01	65796	10-21-24	1312	tedlar 1	X					
MS-02	65797		1401		X					
MS-03	65798		1247		X					
MS-04	65799		1339		X					
MS-05	65800		1300		X					
Working Face	65801		1327		X					
Reaction	65802		1352		X					

LAB USE ONLY
- Sample Received via:
  - ☐ FedEx
  - ☐ UPS
  - ☐ Courier
  - ☐ Other
- Temperature: ____ °C
- Thermometer ID: ____
- Initials: ____
- Returned From: ____
- 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 10/21 Time	**Received By** Print: Signature:	Date 10/21/24 Time 1651	
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time	

242547

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: Nathanial Davalos
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	65769	10-21-24	1236	summa 1	X					
MS-07	65770		1412		X					
MS-08	65771		1438		X					
MS-09	65772		1448		X					
MS-10	65773		1200		X					
MS-11	65774		1216		X					
MS-12	65775		1432		X					
SCV	65776		1151		X					
Chiquito Cyn Rd	65777		1420		X					
S. End Lincoln	65778		1426		X					

LAB USE ONLY
Sample Received via:
- ☐ FedEx
- ☐ UPS
- ☒ Courier
- ☐ Other

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

Client Notes/Special Instructions:

EDD?
- ☐ Yes
- ☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathanial Davalos Signature: ND	Date 10/21 Time	**Received By** Print: Signature:	Date 10/21/24 Time 1657	
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time	

0/0 - 17x clean cans

242547

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: Nathaniel Donatos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 FULL LIST +DMS	TO-15 Extended List + DMS				Lab ID
MS-01	65779	10-21-24	1312	summa 1		X				
MS-02	65780		1401			X				
MS-03	65781		1247			X				
MS-04	65782		1339			X				
MS-05	65783		1300			X				
Working Face	65784		1327			X				
Reaction	65785		1352			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 Donatos Signature: ND	Date 10/21 Time	**Received By** Print: Signature:	Date 10/21/24 Time 1657	
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.	: 242624
REPORT DATE	: 11/01/2024

On October 28, 2024, 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	242624-66324	719.5	S End Lincoln	242624-66333	719.3
MS-07	242624-66325	718.1	MS-01	242624-66334	716.6
MS-08	242624-66326	720.0	MS-02	242624-66335	710.4
MS-09	242624-66327	712.2	MS-03	242624-66336	720.3
MS-10	242624-66328	717.8	MS-04	242624-66337	705.2
MS-11	242624-66329	707.6	MS-05	242624-66338	716.3
MS-12	242624-66330	717.4	Working Face	242624-66339	716.2
SCV	242624-66331	717.0	Reaction	242624-66340	712.9
Chiquito Cyn Rd	242624-66332	721.2	--	--	--

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. 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 : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66324				242624-66325				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.08	<SRL	U	1	7.12	5.00
Methanol	<SRL	U	1	7.08	41.9		1	7.12	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.83	3.70		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	1.42	1.00
Acetone	3.80		1	2.83	6.41		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	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.83	<SRL	U	1	2.85	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	2.54		1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	2.85		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	1.82		1	0.71	0.50

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66324				242624-66325				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	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		97%				93%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66326				242624-66327				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.43				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	1.43	<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	1.43	<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	1.43	<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		93%				98%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66328				242624-66329				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
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	0.73	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.15	<SRL	U	1	7.26	5.00
Methanol	<SRL	U	1	7.15	<SRL	U	1	7.26	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethanol	4.22		1	2.86	3.31		1	2.90	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Acetone	6.86		1	2.86	4.71		1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.90	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	0.73	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	0.73	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.90	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66328				242624-66329				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
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	0.73	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		98%				94%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66330				242624-66331				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.11	<SRL	U	1	7.11	5.00
Methanol	<SRL	U	1	7.11	<SRL	U	1	7.11	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.85	4.65		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	1.42	1.00
Acetone	4.55		1	2.85	5.39		1	2.85	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	2.85	2.00
Acrylonitrile	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.85	<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	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66330				242624-66331				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	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		94%				91%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66326				242624-66327				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.43				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	1.43	<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	7.14	<SRL	U	1	7.22	5.00
Methanol	<SRL	U	1	7.14	<SRL	U	1	7.22	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	2.86	<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	1.44	1.00
Acetone	<SRL	U	1	2.86	3.08		1	2.89	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<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	0.71	<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	0.71	<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	2.89	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	1.44	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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66332				242624-66333				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.10	<SRL	U	1	7.10	5.00
Methanol	<SRL	U	1	7.10	<SRL	U	1	7.10	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.84	<SRL	U	1	2.84	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Acetone	<SRL	U	1	2.84	3.12		1	2.84	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.84	<SRL	U	1	2.84	2.00
Acrylonitrile	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.84	<SRL	U	1	2.84	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66332				242624-66333				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	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		93%				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 : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66334				242624-66335				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.43				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	1.43	<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	7.14	<SRL	U	1	7.21	5.00
Methanol	<SRL	U	1	7.14	<SRL	U	1	7.21	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	2.86	3.09		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	1.44	1.00
Acetone	3.34		1	2.86	3.77		1	2.89	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<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	0.71	<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	0.71	<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	2.89	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	1.44	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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66334				242624-66335				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.43				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	1.43	<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	1.43	<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	1.43	<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		93%				95%			70-130%

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66336				242624-66337				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.43				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.15	<SRL	U	1	7.38	5.00
Methanol	<SRL	U	1	7.15	<SRL	U	1	7.38	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.86	<SRL	U	1	2.95	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.48	1.00
Acetone	3.83		1	2.86	3.88		1	2.95	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.95	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.48	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.95	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66336				242624-66337				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.43				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		95%				96%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66338				242624-66339				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
Can Dilution Factor	1.43				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.43	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.17	<SRL	U	1	7.16	5.00
Methanol	<SRL	U	1	7.17	<SRL	U	1	7.16	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	1.43	1.00
Acetone	3.26		1	2.87	3.70		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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66338				242624-66339				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	10/31/2024				10/31/2024				
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	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	1.43	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	1.43	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	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		93%				92%			70-130%

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66340				
Date Sampled	10/28/2024				
Date Analyzed	10/31/2024				
Can Dilution Factor	1.43				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	0.50
Propene	6.50		1	1.43	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	0.50
Dimethyl Ether	7.45		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	7.15	5.00
Methanol	12.4		1	7.15	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	6.46		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)	2.97		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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242624
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
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	242624-66340				
Date Sampled	10/28/2024				
Date Analyzed	10/31/2024				
Can Dilution Factor	1.43				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	5.22		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	6.25		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	0.93		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	0.80		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		94%			70-130%

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

Laboratory Analysis Report

Dimethyl Sulfide via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 242624
MATRIX : AIR

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethylsulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242624-66324	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	97%
MS-07	242624-66325	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	93%
MS-08	242624-66326	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	93%
MS-09	242624-66327	10/28/2024	10/31/2024	<SRL	U	1.44	1.0	98%
MS-10	242624-66328	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	98%
MS-11	242624-66329	10/28/2024	10/31/2024	<SRL	U	1.45	1.0	94%
MS-12	242624-66330	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	94%
SCV	242624-66331	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	91%
Chiquito Cyn Rd	242624-66332	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	93%
S End Lincoln	242624-66333	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	92%
MS-01	242624-66334	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	93%
MS-02	242624-66335	10/28/2024	10/31/2024	<SRL	U	1.44	1.0	95%
MS-03	242624-66336	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	95%
MS-04	242624-66337	10/28/2024	10/31/2024	<SRL	U	1.48	1.0	96%
MS-05	242624-66338	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	93%
Working Face	242624-66339	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	92%
Reaction	242624-66340	10/28/2024	10/31/2024	2.99		1.43	1.0	94%

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

RL - Reporting Limit

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

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

Laboratory Analysis Report

Limonene via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 242624
MATRIX : AIR

DATE RECEIVED : 10/28/2024
DATE REPORTED : 11/01/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242624-66324	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	97%
MS-07	242624-66325	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	93%
MS-08	242624-66326	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	93%
MS-09	242624-66327	10/28/2024	10/31/2024	<SRL	U	1.44	1.0	98%
MS-10	242624-66328	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	98%
MS-11	242624-66329	10/28/2024	10/31/2024	<SRL	U	1.45	1.0	94%
MS-12	242624-66330	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	94%
SCV	242624-66331	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	91%
Chiquito Cyn Rd	242624-66332	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	93%
S End Lincoln	242624-66333	10/28/2024	10/31/2024	<SRL	U	1.42	1.0	92%
MS-01	242624-66334	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	93%
MS-02	242624-66335	10/28/2024	10/31/2024	<SRL	U	1.44	1.0	95%
MS-03	242624-66336	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	95%
MS-04	242624-66337	10/28/2024	10/31/2024	<SRL	U	1.48	1.0	96%
MS-05	242624-66338	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	93%
Working Face	242624-66339	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	92%
Reaction	242624-66340	10/28/2024	10/31/2024	<SRL	U	1.43	1.0	94%

* 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 : 10/31/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	9.55	102
Chlorodifluoromethane	10.20	10.27	101
Propene	10.70	10.42	97
Dichlorodifluoromethane	10.40	10.89	105
Dimethyl Ether	10.10	10.36	103
Chloromethane	10.50	10.38	99
Dichlorotetrafluoroethane	10.20	10.45	102
Vinyl Chloride	10.60	10.96	103
Acetaldehyde	20.90	23.16	111
Methanol	20.40	21.32	105
1,3-Butadiene	10.70	11.53	108
Bromomethane	10.40	10.82	104
Chloroethane	10.40	10.55	101
Dichlorofluoromethane	10.10	10.46	104
Ethanol	11.40	10.60	93
Vinyl Bromide	10.10	10.52	104
Acrolein	10.90	11.89	109
Acetone	10.60	10.64	100
Trichlorofluoromethane	10.50	10.89	104
2-Propanol (IPA)	11.00	11.10	101
Acrylonitrile	11.10	11.63	105
1,1-Dichloroethene	10.50	10.97	104
Methylene Chloride (DCM)	10.40	10.70	103
TertButanol (TBA)	11.20	11.58	103
Allyl Chloride	10.20	10.80	106
Carbon Disulfide	10.50	11.24	107
Trichlorotrifluoroethane	10.30	10.60	103
trans-1,2-Dichloroethene	10.80	11.61	108
1,1-Dichloroethane	10.70	11.11	104
Methyl Tert Butyl Ether (MTBE)	10.70	11.12	104
Vinyl Acetate	11.00	11.94	109
2-Butanone (MEK)	10.70	11.65	109
cis-1,2-Dichloroethene	10.70	11.81	110
Hexane	10.80	10.58	98
Chloroform	10.70	11.40	107
Ethyl Acetate	10.70	11.52	108
Tetrahydrofuran	10.40	10.56	102
1,2-Dichloroethane	10.60	11.31	107
1,1,1-Trichloroethane	10.50	11.09	106
Benzene	10.70	10.91	102
Carbon Tetrachloride	10.30	10.64	103
Cyclohexane	10.50	10.28	98

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	11.06	103
Bromodichloromethane	10.50	10.97	104
1,4-Dioxane	10.50	10.84	103
Trichloroethene (TCE)	10.50	10.35	99
2,2,4-Trimethylpentane	10.10	10.15	100
Methyl Methacrylate	11.00	11.47	104
Heptane	10.50	10.36	99
cis-1,3-Dichloropropene	10.50	11.05	105
4-Methyl-2-pentanone (MiBK)	10.50	10.20	97
trans-1,3-Dichloropropene	10.60	10.92	103
1,1,2-Trichloroethane	10.60	10.18	96
Toluene	10.80	10.88	101
2-Hexanone (MBK)	10.50	10.71	102
Dibromochloromethane	10.60	10.66	101
1,2-Dibromoethane	10.60	10.94	103
Tetrachloroethene (PCE)	10.50	10.32	98
Chlorobenzene	10.80	10.72	99
Ethylbenzene	10.60	10.44	98
m & p-Xylene	21.20	20.36	96
Bromoform	10.60	10.53	99
Styrene	10.60	10.71	101
1,1,2,2-Tetrachloroethane	10.60	10.55	100
o-Xylene	10.60	10.48	99
1,2,3-Trichloropropane	11.00	11.14	101
Isopropylbenzene (Cumene)	10.40	10.31	99
α-Pinene	10.80	9.83	91
2-Chlorotoluene	10.30	10.39	101
n-Propylbenzene	10.10	9.98	99
4-Ethyltoluene	10.40	9.87	95
1,3,5-Trimethylbenzene	10.30	9.92	96
β-Pinene	10.90	10.06	92
1,2,4-Trimethylbenzene	10.30	10.04	97
Benzyl Chloride (a-Chlorotoluene)	10.30	9.66	94
1,3-Dichlorobenzene	10.30	10.74	104
1,4-Dichlorobenzene	10.20	9.55	94
Sec-ButylBenzene	10.00	9.88	99
1,2-Dichlorobenzene	10.40	10.14	98
n-ButylBenzene	10.20	9.57	94
1,2-Dibromo-3-Chloropropane	10.10	10.09	100
1,2,4-Trichlorobenzene	10.50	10.23	97
Naphthalene	10.90	10.89	100
Hexachlorobutadiene	10.80	10.16	94

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

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

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

* - β-Pinene results are estimated.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/31/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	9.55	9.35	102	99	2.1
1,1-Dichloroethene	0.0	10.50	10.97	10.79	104	103	1.7
Methylene Chloride (DCM)	0.0	10.40	10.70	10.63	103	102	0.7
Benzene	0.0	10.70	10.91	11.20	102	105	2.6
Trichloroethene (TCE)	0.0	10.50	10.35	10.76	99	102	3.9
Toluene	0.0	10.80	10.88	11.28	101	104	3.6
Tetrachloroethene (PCE)	0.0	10.50	10.32	10.95	98	104	5.9
Chlorobenzene	0.0	10.80	10.72	10.77	99	100	0.5
Ethylbenzene	0.0	10.60	10.44	10.71	98	101	2.6
m & p-Xylene	0.0	21.20	20.36	20.93	96	99	2.8
o-Xylene	0.0	10.60	10.48	10.72	99	101	2.3

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/31/2024
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 103124*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	96%	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 103124*	*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

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/31/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.43

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242624-66340

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	8.81	8.99	2.0
Chlorodifluoromethane	<SRL	<SRL	*NA*
Propene	6.50	6.45	0.9
Dichlorodifluoromethane	<SRL	<SRL	*NA*
Dimethyl Ether	7.45	7.36	1.2
Chloromethane	<SRL	<SRL	*NA*
Dichlorotetrafluoroethane	<SRL	<SRL	*NA*
Vinyl Chloride	<SRL	<SRL	*NA*
Acetaldehyde	<SRL	<SRL	*NA*
Methanol J	6.77	6.26	7.9
1,3-Butadiene	<SRL	<SRL	*NA*
Bromomethane	<SRL	<SRL	*NA*
Chloroethane	<SRL	<SRL	*NA*
Dichlorofluoromethane	<SRL	<SRL	*NA*
Ethanol	1.17	1.06	10.3
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	6.46	6.35	1.8
Trichlorofluoromethane	<SRL	<SRL	*NA*
2-Propanol (IPA) J	1.77	1.86	4.7
Acrylonitrile	<SRL	<SRL	*NA*
1,1-Dichloroethene	<SRL	<SRL	*NA*
Methylene Chloride (DCM)	<SRL	<SRL	*NA*
TertButanol (TBA)	<SRL	<SRL	*NA*
Allyl Chloride	<SRL	<SRL	*NA*
Carbon Disulfide	<SRL	<SRL	*NA*
Trichlorotrifluoroethane	<SRL	<SRL	*NA*
trans-1,2-Dichloroethene	<SRL	<SRL	*NA*
1,1-Dichloroethane	<SRL	<SRL	*NA*
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	*NA*
Vinyl Acetate	<SRL	<SRL	*NA*
2-Butanone (MEK)	2.97	3.00	1.0
cis-1,2-Dichloroethene	<SRL	<SRL	*NA*
Hexane	<SRL	<SRL	*NA*
Chloroform	<SRL	<SRL	*NA*
Ethyl Acetate	<SRL	<SRL	*NA*
Tetrahydrofuran	5.22	5.00	4.2
1,2-Dichloroethane	<SRL	<SRL	*NA*
1,1,1-Trichloroethane	<SRL	<SRL	*NA*
Benzene	6.25	5.96	4.7
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	0.93	0.90	3.1
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	0.80	0.73	9.3
2-Chlorotoluene	<SRL	<SRL	*NA*
n-Propylbenzene	<SRL	<SRL	*NA*
4-Ethyltoluene	<SRL	<SRL	*NA*
1,3,5-Trimethylbenzene	<SRL	<SRL	*NA*
β-Pinene	<SRL	<SRL	*NA*
1,2,4-Trimethylbenzene	<SRL	<SRL	*NA*
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	*NA*
1,3-Dichlorobenzene	<SRL	<SRL	*NA*
1,4-Dichlorobenzene	<SRL	<SRL	*NA*
Sec-ButylBenzene	<SRL	<SRL	*NA*
1,2-Dichlorobenzene	<SRL	<SRL	*NA*
n-ButylBenzene	<SRL	<SRL	*NA*
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	*NA*
1,2,4-Trichlorobenzene	<SRL	<SRL	*NA*
Naphthalene	<SRL	<SRL	*NA*
Hexachlorobutadiene	<SRL	<SRL	*NA*

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

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

SRL - Sample Reporting Limit (minimum)

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

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

242624

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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 Douglas
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS				
MS-06	66324	10/28/24	1217	summa 1	X				
MS-07	66325		1410		X				
MS-08	66326		1441		X				
MS-09	66327		1454		X				
MS-10	66328		1130		X				
MS-11	66329		1155		X				
MS-12	66330		1434		X				
SCV	66331		1123		X				
Chiquito Cyn Rd	66332	↓	1420		X				
S. End Lincoln	66333		1428		X				

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Douglas Signature: ND	Date 10/28 Time	**Received By** Print: Signature:	Date 10/28/24 Time 1552
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

2426241

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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

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

Sampler Name
Print: Nathaniel Donatos
Signature: ND

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	~~TO-15 FULL LIST +DMS~~	TO-15 Extended List + DMS			
MS-01	66334	10/28/24	1251	summa 1		X			
MS-02	66335		1340			X			
MS-03	66336		1238			X			
MS-04	66337		1316			X			
MS-05	66338		1240			X			
Working Face	66339		1353			X			
Reaction	66340		1327			X			

LAB USE ONLY
Lab ID
Sample Received via: ☐FedEx ☐UPS ☐Courier ☐Other
Temperature
Thermometer ID
Initials
Ambient/Chilled
Total Cans
Unused Cans
Flow Controllers

Client Notes/Special Instructions:

EDD?
☐Yes
☐No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Donatos Signature: ND	Date 10/28 Time	**Received By** Print: Signature:	Date 10/28/24 Time 1552
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

0/0 - 17x cans

Z42624

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AAC Project No.:

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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	66341	10/22/24	1217	tedlar 1	X				
MS-07	66342		1410		X				
MS-08	66343		1441		X				
MS-09	66344		1454		X				
MS-10	66345		1130		X				
MS-11	66346		1155		X				
MS-12	66347		1434		X				
SCV	66348		1123		X				
Chiquito Cyn Rd	66349		1420		X				
S. End Lincoln	66350	↓	1428		X				

LAB USE ONLY
Lab ID
Sample Received Via: ☐FedEx ☐UPS ☐Courier ☐Other
Temperature °C
Thermometer ID
Initials
Received Chilled
Total Cans
Unused Cans
Flow Controllers

Client Notes/Special Instructions:

EDD?
☐Yes
☐No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 10/28 Time	**Received By** Print: Signature:	Date 10/28/24 Time 1552
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

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PAUL SCHAFER

Project Name
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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 Donados
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR
MS-01	66351	10/28/24	12:01	tedlar 1	X
MS-02	66352		13:40		X
MS-03	66353		12:28		X
MS-04	66354		13:16		X
MS-05	66355		12:40		X
Working Face	66356		13:53		X
Reaction	66357	↓	13:27		X

LAB USE ONLY

Lab ID

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

Temperature: °C

Thermometer ID:

Initials:

Sufficient Sample

Total Containers:

Unused Cells:

Flow Controller:

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Donados Signature: ND	Date 10/28 Time	**Received By** Print: Signature:	Date 10/28/24 Time 1552	
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. : 242624
REPORT DATE : 10/30/2024

On October 28th 2024, 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	242624-66341	S. End Lincoln	242624-66350
MS-07	242624-66342	MS-01	242624-66351
MS-08	242624-66343	MS-02	242624-66352
MS-09	242624-66344	MS-03	242624-66353
MS-10	242624-66345	MS-04	242624-66354
MS-11	242624-66346	MS-05	242624-66355
MS-12	242624-66347	Working Face	242624-66356
SCV	242624-66348	Reaction	242624-66357
Chiquito Cyn Rd	242624-66349	-	-

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. : 242624
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/28/2024
RECEIVING DATE : 10/28/2024
ANALYSIS DATE : 10/28-29/2024
REPORT DATE : 10/30/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	242624-66341	242624-66342	242624-66343	242624-66344	242624-66345	242624-66346
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. : 242624
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/28/2024
RECEIVING DATE : 10/28/2024
ANALYSIS DATE : 10/28-29/2024
REPORT DATE : 10/30/2024

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	242624-66347	242624-66348	242624-66349	242624-66350	242624-66351	242624-66352
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. : 242624
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/28/2024
RECEIVING DATE : 10/28/2024
ANALYSIS DATE : 10/29/2024
REPORT DATE : 10/30/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	242624-66353	242624-66354	242624-66355	242624-66356	242624-66357
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	**0.016**
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	**0.016**

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: 10/28/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6976	0.490	95.9	1.4
Duplicate	7162	0.503	98.5	1.2
Triplicate	7085	0.498	97.4	0.2

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5827	0.486	96.8	1.2
Duplicate	5959	0.497	99.0	1.0
Triplicate	5916	0.493	98.3	0.3

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8594	0.502	100.9	0.1
Duplicate	8627	0.504	101.3	0.5
Triplicate	8537	0.498	100.3	0.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.262	0.260	102.5	101.8	0.8
MeSH	<PQL	0.251	0.252	0.261	100.4	104.0	3.5
DMS	<PQL	0.249	0.270	0.273	108.7	109.9	1.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.521	102.0
MeSH	0.502	0.509	101.4
DMS	0.497	0.541	108.9

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/29/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7101	0.499	97.7	0.7
Duplicate	6979	0.490	96.0	1.1
Triplicate	7085	0.498	97.4	0.4

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6164	0.514	102.4	2.1
Duplicate	6023	0.502	100.1	0.2
Triplicate	5926	0.494	98.5	1.8

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8688	0.507	102.0	1.5
Duplicate	8873	0.518	104.2	0.6
Triplicate	8890	0.519	104.4	0.8

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.266	0.249	104.1	97.5	6.6
MeSH	<PQL	0.251	0.269	0.249	107.2	99.2	7.7
DMS	<PQL	0.249	0.272	0.270	109.5	108.7	0.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.500	97.8
MeSH	0.502	0.484	96.4
DMS	0.497	0.490	98.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/29/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11269.2	494	96.8	0.3
Duplicate	11528.8	506	99.0	2.0
Triplicate	11121.85	488	95.5	1.6

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10082.6	497	99.1	0.8
Duplicate	10285.65	507	101.1	1.2
Triplicate	10129	500	99.6	0.4

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15297.28	520	104.7	0.2
Duplicate	15210.5	517	104.1	0.3
Triplicate	15275	520	104.5	0.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242624-66350**

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 242624-66350 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	260.5	256.8	102.0	100.6	1.4
MeSH	<PQL	250.9	260.2	255.8	103.7	101.9	1.7
DMS	<PQL	248.5	266.9	269.5	107.4	108.5	1.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	525.1	102.9
MeSH	501.8	511.6	102.0
DMS	497.0	522.5	105.1

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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242624

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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
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	307.91 SULFUR					LAB USE ONLY Lab ID
MS-06	66341	10/28/24	1217	tedlar 1	X					
MS-07	66342		1410		X					
MS-08	66343		1441		X					
MS-09	66344		1454		X					
MS-10	66345		1130		X					
MS-11	66346		1155		X					
MS-12	66347		1434		X					
SCV	66348		1123		X					
Chiquito Cyn Rd	66349		1420		X					
S. End Lincoln	66350	↓	1428		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 10/28 Time	**Received By** Print: Signature:	Date 10-29-24 Time 1552	
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time	

242624

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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 Donoso
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR				
MS-01	66351	10/28/24	12:01	tedlar 1	X				
MS-02	66352		13:40		X				
MS-03	66353		12:28		X				
MS-04	66354		13:16		X				
MS-05	66355		12:40		X				
Working Face	66356		13:53		X				
Reaction	66357		13:27		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 Donoso Signature: ND	Date 10/28 Time	**Received By** Print: Signature:	Date 10/28/24 Time 1552
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

2412624

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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

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

Sampler Name
Print: Nathaniel Dawalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS	LAB USE ONLY: Lab ID
MS-06	66324	10/28/24	1217	summa 1	X	
MS-07	66325		1410		X	
MS-08	66326		1441		X	
MS-09	66327		1454		X	
MS-10	66328		1130		X	
MS-11	66329		1155		X	
MS-12	66330		1434		X	
SCV	66331		1123		X	
Chiquito Cyn Rd	66332		1420		X	
S. End Lincoln	66333		1428		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 Dawalos Signature: ND	Date 10/28 Time	**Received By** Print: Signature:	Date 10/28/24 Time 1552
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242624

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: Nathaniel Donatos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 FULL LIST +DMS	TO-15 Extended List + DMS				LAB USE ONLY Lab ID
MS-01	66334	10/28/24	1251	summa 1		X				
MS-02	66335		1340			X				
MS-03	66336		1258			X				
MS-04	66337		1316			X				
MS-05	66338		1240			X				
Working Face	66339		1353			X				
Reaction	66340		1327			X				

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Donatos Signature: ND	Date 10/28 Time	**Received By** Print: Signature:	Date 10/28/24 Time 1552	
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time	

0/0 - 17x cans

ATTACHMENT B

ODOR SAMPLE DATA

Odor Samples October 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	10/7/2024	13:15	Dirt	10/7/2024	10:30 AM	156	Stale
	MS-02	10/7/2024	14:04	Cinnamon	10/7/2024	12:50 PM	1768	
	MS-03	10/7/2024	12:52	Dirt	10/7/2024	12:35 PM	2332	Unpleasant
	MS-04	10/7/2024	13:46	Leachate, dirt	10/7/2024	9:15 AM	442	Stale, Musty
	MS-05	10/7/2024	13:05	Dirt	10/7/2024	9:00 AM	884	Plastic
	Working/Active	10/7/2024	13:33	Trash	10/7/2024	11:15 AM	1768	
	Reaction	10/7/2024	13:55	Leachate	10/7/2024	X	X	X
Off-Site	MS-06	10/7/2024	12:44	Dirt	10/7/2024	9:30 AM	884	Clean, Fresh, Rubber
	MS-07	10/7/2024	14:16	Dirt	10/7/2024	9:45 AM	2228	Fresh
	MS-08	10/7/2024	14:42	Vegetation	10/7/2024	10:00 AM	3536	Plastic, Synthetic
	MS-09	10/7/2024	14:51	Vegetation	10/7/2024	12:10 PM	3536	
	MS-10	10/7/2024	12:02	Vegetation	10/7/2024	X	X	X
	MS-11	10/7/2024	12:16	Vegetation	10/7/2024	12:20 PM	2806	Vegetative, Pleasant
	MS-12	10/7/2024	14:35	Vegetation	10/7/2024	10:45 AM	2500	Fresh, Plastic
	SCV	10/7/2024	11:51	Vegetation	10/7/2024	10:15 AM	1403	Fabric Softener, Fresh, Floral
	Chiquito	10/7/2024	14:25	Dirt	10/7/2024	11:30 AM	2973	Stale, Naturally Offensive
	S End Lincoln	10/7/2024	14:30	Vegetation	10/7/2024	11:45 AM	2806	Fresh

Odor Samples October 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	10/14/2024	13:34	Leachate	10/15/2024	9:45 AM	1114	Plastic, Stale
	MS-02	10/14/2024	14:38	Cinnamon	10/15/2024	12:00 PM	2807	Fresh
	MS-03	10/14/2024	12:59	Vegetation	10/15/2024	10:45 AM	1250	Mechanical, Lubricate, Machine
	MS-04	10/14/2024	14:21	Leachate	10/15/2024	9:15 AM	1015	Plastic
	MS-05	10/14/2024	13:20	Vegetation	10/15/2024	1:25 PM	1250	Fresh
	Working/Active	10/14/2024	13:46	Trash	10/15/2024	11:27 AM	1051	Plastic,
	Reaction	10/14/2024	14:13	Leachate	10/15/2024	10:20 AM	7071	Sulfur, Offensive, Putrid. Garbage
Off-Site	MS-06	10/14/2024	12:49	Dirt	10/15/2024	9:00 AM	1560	Fresh
	MS-07	10/14/2024	14:52	Vegetation	10/15/2024	1:40 PM	1539	Sulfur
	MS-08	10/14/2024	15:23	Vegetation	10/15/2024	12:35 PM	1339	Mechanical
	MS-09	10/14/2024	15:43	Vegetation	10/15/2024	11:45 AM	1403	Vegetative
	MS-10	10/14/2024	12:15	Vegetation	10/15/2024	9:30 AM	992	Mechanical, Naturally Offensive
	MS-11	10/14/2024	12:30	aching monitoring station so sample ta	10/15/2024	11:15 AM	2102	
	MS-12	10/14/2024	15:15	Vegetation	10/15/2024	10:00 AM	1768	Vegetative
	SCV	10/14/2024	12:04	Vegetation	10/15/2024	12:20 PM	884	Clean
	Chiquito	10/14/2024	15:00	Vegetation	10/15/2024	12:52 PM	2227	Vegetative
	S End Lincoln	10/14/2024	15:07	Vegetation	10/15/2024	1:09 PM	2332	Sulfur

Odor Samples October 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	10/21/2024	13:12	dirt	10/22/2024	10:10 AM	2500	Musty, Stale
	MS-02	10/21/2024	14:01	cinnamon	10/22/2024	10:41 AM	1166	Not Offensive, Rancid, Trash
	MS-03	10/21/2024	12:47	dirt	10/22/2024	1:05 PM	1486	Woody, Not Offensive
	MS-04	10/21/2024	13:39	leachate	10/22/2024	9:10 AM	1768	Mechanical
	MS-05	10/21/2024	13:00	dirt	10/22/2024	9:00 AM	2228	Stale
	Working/Active	10/21/2024	13:21	trash	10/22/2024	12:25 PM	1768	Stale
	Reaction	10/21/2024	13:32	leachate	10/22/2024	10:25 AM	10000	Putrid, Rancid, Trash
Off-Site	MS-06	10/21/2024	12:36	dirt (semis passing by)	10/22/2024	-	-	-
	MS-07	10/21/2024	14:12	vegetation	10/22/2024	11:24 AM	1166.445	
	MS-08	10/21/2024	14:38	vegetation	10/22/2024	12:50 PM	884	Plastic
	MS-09	10/21/2024	13:38	vegetation	10/22/2024	9:42 AM	2973	Fresh, Clean
	MS-10	10/21/2024	12:00	vegetation	10/22/2024	12:00 PM	884	Mechanical. Lubricant, Vegetative
	MS-11	10/21/2024	12:16	getation (samples taken near parking l	10/22/2024	9:30 AM	2332.89	Rubbery. Mechanical, Rancid
	MS-12	10/21/2024	14:32	vegetation	10/22/2024	12:35 PM	2806	Fresh, Clean
	SCV	10/21/2024	11:51	vegetation, car passed by	10/22/2024	11:49 AM	2973	Mechanical
	Chiquito	10/21/2024	14:20	dirt, cars passed by	10/22/2024	10:00 AM	1539.133	Dirt
	S End Lincoln	10/21/2024	14:26	vegetation	10/22/2024	11:10 AM	1486	

Odor Samples October 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	10/28/2024	12:51	Vegetation	10/29/2024	12:32 PM	884	Earthy, Offensive
	MS-02	10/28/2024	13:40	Cinnamon	10/29/2024	10:00 AM	884	Naturally Offensive, Rubber, Synthetic
	MS-03	10/28/2024	12:28	Dirt	10/29/2024	9:00 AM	2031	
	MS-04	10/28/2024	13:16	Leachate	10/29/2024	11:15 AM	2806	Fresh
	MS-05	10/28/2024	12:40	Dirt	10/29/2024	11:30 AM	1768	Vegetative
	Working/Active	10/28/2024	13:53	Trash	10/29/2024	10:45 AM	1486	
	Reaction	10/28/2024	13:27	Leachate	10/29/2024	10:15 AM	10718	Vegetative, Onion, Trash, Waste
Off-Site	MS-06	10/28/2024	12:17	Vegetation	10/29/2024	12:00 PM	2500	Vegetative, Offensive, Pungent
	MS-07	10/28/2024	14:10	Leachate	10/29/2024	PM	2500	Pungent, Rancid
	MS-08	10/28/2024	14:41	Vegetation	10/29/2024	sample empty	-	
	MS-09	10/28/2024	14:54	Vegetation	10/29/2024	9:30 AM	1051	Mechanical
	MS-10	10/28/2024	11:30	Vegetation	10/29/2024	11:45 AM	2500	Earthy, Vegetative, Not Offensive
	MS-11	10/28/2024	11:55	Vegetation, gas	10/29/2024	12:15 PM	1114	Earthy, Fresh
	MS-12	10/28/2024	14:34	Vegetation	10/29/2024	1:01 PM	2102	
	SCV	10/28/2024	11:23	Vegetation	10/29/2024	10:30 AM	1250	Chemical, Faint
	Chiquito	10/28/2024	14:20	Dirt, leachate	10/29/2024	9:45 AM	1114	Plastic, Rubber
	S End Lincoln	10/28/2024	14:28	Vegetation	10/29/2024	9:15 AM	1539	Vegetative, Stale

ATTACHMENT C

WEEKLY 24-HR SAMPLE LABORATORY ANALYTICAL DATA

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 242418
REPORT DATE : 10/10/2024

On October 8, 2024, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite canisters for Volatile Organic Compounds 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	242418-65034	377.0
MS-12	242418-65035	585.3
MS-08	242418-65036	667.4
MS-09	242418-65037	607.2
MS-10	242418-65038	629.1
MS-06	242418-65049	529.3
MS-11	242418-65040	630.1

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

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

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 15 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242418
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/08/2024
DATE REPORTED : 10/10/2024
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	242418-65034				242418-65035				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/09/2024				10/09/2024				
Can Dilution Factor	2.71				1.74				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Propene	<SRL	U	1	2.71	<SRL	U	1	1.74	1.00
Dichlorodifluoromethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Chloromethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Dichlorotetrafluoroethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Vinyl Chloride	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Methanol	<SRL	U	1	13.5	<SRL	U	1	8.70	5.00
1,3-Butadiene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Bromomethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Chloroethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Dichlorofluoromethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Ethanol	<SRL	U	1	5.41	4.75		1	3.48	2.00
Vinyl Bromide	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Acetone	7.93		1	5.41	7.10		1	3.48	2.00
Trichlorofluoromethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
2-Propanol (IPA)	<SRL	U	1	5.41	<SRL	U	1	3.48	2.00
Acrylonitrile	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,1-Dichloroethene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Methylene Chloride (DCM)	<SRL	U	1	2.71	<SRL	U	1	1.74	1.00
Allyl Chloride	<SRL	U	1	2.71	<SRL	U	1	1.74	1.00
Carbon Disulfide	<SRL	U	1	5.41	<SRL	U	1	3.48	2.00
Trichlorotrifluoroethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
trans-1,2-Dichloroethene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,1-Dichloroethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Vinyl Acetate	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
2-Butanone (MEK)	<SRL	U	1	2.71	<SRL	U	1	1.74	1.00
cis-1,2-Dichloroethene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Hexane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Chloroform	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Ethyl Acetate	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Tetrahydrofuran	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,2-Dichloroethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,1,1-Trichloroethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Benzene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242418
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/08/2024
DATE REPORTED : 10/10/2024
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	242418-65034				242418-65035				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/09/2024				10/09/2024				
Can Dilution Factor	2.71				1.74				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Cyclohexane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,2-Dichloropropane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Bromodichloromethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,4-Dioxane	<SRL	U	1	2.71	<SRL	U	1	1.74	1.00
Trichloroethene (TCE)	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
2,2,4-Trimethylpentane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Heptane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
cis-1,3-Dichloropropene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
trans-1,3-Dichloropropene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,1,2-Trichloroethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Toluene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
2-Hexanone (MBK)	<SRL	U	1	2.71	<SRL	U	1	1.74	1.00
Dibromochloromethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,2-Dibromoethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Tetrachloroethene (PCE)	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Chlorobenzene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Ethylbenzene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
m & p-Xylene	<SRL	U	1	2.71	<SRL	U	1	1.74	1.00
Bromoform	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Styrene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
o-Xylene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
4-Ethyltoluene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,3-Dichlorobenzene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,4-Dichlorobenzene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,2-Dichlorobenzene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
Hexachlorobutadiene	<SRL	U	1	1.35	<SRL	U	1	0.87	0.50
BFB-Surrogate Std, % Recovery		95%				95%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242418
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/08/2024
DATE REPORTED : 10/10/2024
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	242418-65036				242418-65037				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/09/2024				10/09/2024				
Can Dilution Factor	1.53				1.69				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Propene	<SRL	U	1	1.53	<SRL	U	1	1.69	1.00
Dichlorodifluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Chloromethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Vinyl Chloride	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Methanol	<SRL	U	1	7.67	<SRL	U	1	8.44	5.00
1,3-Butadiene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Bromomethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Chloroethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Dichlorofluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Ethanol	3.08		1	3.07	3.65		1	3.38	2.00
Vinyl Bromide	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Acetone	6.47		1	3.07	18.1		1	3.38	2.00
Trichlorofluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
2-Propanol (IPA)	<SRL	U	1	3.07	<SRL	U	1	3.38	2.00
Acrylonitrile	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,1-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.53	<SRL	U	1	1.69	1.00
Allyl Chloride	<SRL	U	1	1.53	<SRL	U	1	1.69	1.00
Carbon Disulfide	<SRL	U	1	3.07	<SRL	U	1	3.38	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,1-Dichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Vinyl Acetate	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
2-Butanone (MEK)	<SRL	U	1	1.53	<SRL	U	1	1.69	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Hexane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Chloroform	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Ethyl Acetate	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Tetrahydrofuran	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,2-Dichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Benzene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242418
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/08/2024
DATE REPORTED : 10/10/2024
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	242418-65036				242418-65037				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/09/2024				10/09/2024				
Can Dilution Factor	1.53				1.69				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Cyclohexane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,2-Dichloropropane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Bromodichloromethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,4-Dioxane	<SRL	U	1	1.53	<SRL	U	1	1.69	1.00
Trichloroethene (TCE)	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Heptane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Toluene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
2-Hexanone (MBK)	<SRL	U	1	1.53	<SRL	U	1	1.69	1.00
Dibromochloromethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,2-Dibromoethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Chlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Ethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
m & p-Xylene	<SRL	U	1	1.53	<SRL	U	1	1.69	1.00
Bromoform	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Styrene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
o-Xylene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
4-Ethyltoluene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
Hexachlorobutadiene	<SRL	U	1	0.77	<SRL	U	1	0.84	0.50
BFB-Surrogate Std. % Recovery		93%				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 : 242418
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/08/2024
DATE REPORTED : 10/10/2024
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	242418-65038				242418-65039				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/09/2024				10/09/2024				
Can Dilution Factor	1.62				1.94				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Propene	<SRL	U	1	1.62	<SRL	U	1	1.94	1.00
Dichlorodifluoromethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Chloromethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Vinyl Chloride	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Methanol	<SRL	U	1	8.08	<SRL	U	1	9.72	5.00
1,3-Butadiene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Bromomethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Chloroethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Dichlorofluoromethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Ethanol	3.72		1	3.23	<SRL	U	1	3.89	2.00
Vinyl Bromide	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Acetone	7.50		1	3.23	7.91		1	3.89	2.00
Trichlorofluoromethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
2-Propanol (IPA)	<SRL	U	1	3.23	<SRL	U	1	3.89	2.00
Acrylonitrile	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,1-Dichloroethene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.62	<SRL	U	1	1.94	1.00
Allyl Chloride	<SRL	U	1	1.62	<SRL	U	1	1.94	1.00
Carbon Disulfide	<SRL	U	1	3.23	<SRL	U	1	3.89	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,1-Dichloroethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Vinyl Acetate	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
2-Butanone (MEK)	<SRL	U	1	1.62	<SRL	U	1	1.94	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Hexane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Chloroform	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Ethyl Acetate	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Tetrahydrofuran	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,2-Dichloroethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Benzene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242418
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/08/2024
DATE REPORTED : 10/10/2024
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	242418-65038				242418-65039				
Date Sampled	10/07/2024				10/07/2024				
Date Analyzed	10/09/2024				10/09/2024				
Can Dilution Factor	1.62				1.94				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Cyclohexane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,2-Dichloropropane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Bromodichloromethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,4-Dioxane	<SRL	U	1	1.62	<SRL	U	1	1.94	1.00
Trichloroethene (TCE)	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Heptane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Toluene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
2-Hexanone (MBK)	<SRL	U	1	1.62	<SRL	U	1	1.94	1.00
Dibromochloromethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,2-Dibromoethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Chlorobenzene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Ethylbenzene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
m & p-Xylene	<SRL	U	1	1.62	<SRL	U	1	1.94	1.00
Bromoform	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Styrene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
o-Xylene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
4-Ethyltoluene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
Hexachlorobutadiene	<SRL	U	1	0.81	<SRL	U	1	0.97	0.50
BFB-Surrogate Std. % Recovery		94%				94%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242418
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/08/2024
DATE REPORTED : 10/10/2024
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	242418-65040				
Date Sampled	10/07/2024				
Date Analyzed	10/09/2024				
Can Dilution Factor	1.62				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.81	0.50
Propene	<SRL	U	1	1.62	1.00
Dichlorodifluoromethane	<SRL	U	1	0.81	0.50
Chloromethane	<SRL	U	1	0.81	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.81	0.50
Vinyl Chloride	<SRL	U	1	0.81	0.50
Methanol	<SRL	U	1	8.09	5.00
1,3-Butadiene	<SRL	U	1	0.81	0.50
Bromomethane	<SRL	U	1	0.81	0.50
Chloroethane	<SRL	U	1	0.81	0.50
Dichlorofluoromethane	<SRL	U	1	0.81	0.50
Ethanol	4.00		1	3.24	2.00
Vinyl Bromide	<SRL	U	1	0.81	0.50
Acetone	7.83		1	3.24	2.00
Trichlorofluoromethane	<SRL	U	1	0.81	0.50
2-Propanol (IPA)	<SRL	U	1	3.24	2.00
Acrylonitrile	<SRL	U	1	0.81	0.50
1,1-Dichloroethene	<SRL	U	1	0.81	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.62	1.00
Allyl Chloride	<SRL	U	1	1.62	1.00
Carbon Disulfide	<SRL	U	1	3.24	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.81	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.81	0.50
1,1-Dichloroethane	<SRL	U	1	0.81	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.81	0.50
Vinyl Acetate	<SRL	U	1	0.81	0.50
2-Butanone (MEK)	<SRL	U	1	1.62	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.81	0.50
Hexane	<SRL	U	1	0.81	0.50
Chloroform	<SRL	U	1	0.81	0.50
Ethyl Acetate	<SRL	U	1	0.81	0.50
Tetrahydrofuran	<SRL	U	1	0.81	0.50
1,2-Dichloroethane	<SRL	U	1	0.81	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.81	0.50
Benzene	<SRL	U	1	0.81	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242418
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/08/2024
DATE REPORTED : 10/10/2024
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	242418-65040				
Date Sampled	10/07/2024				
Date Analyzed	10/09/2024				
Can Dilution Factor	1.62				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.81	0.50
Cyclohexane	<SRL	U	1	0.81	0.50
1,2-Dichloropropane	<SRL	U	1	0.81	0.50
Bromodichloromethane	<SRL	U	1	0.81	0.50
1,4-Dioxane	<SRL	U	1	1.62	1.00
Trichloroethene (TCE)	<SRL	U	1	0.81	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.81	0.50
Heptane	<SRL	U	1	0.81	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.81	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.81	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.81	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.81	0.50
Toluene	<SRL	U	1	0.81	0.50
2-Hexanone (MBK)	<SRL	U	1	1.62	1.00
Dibromochloromethane	<SRL	U	1	0.81	0.50
1,2-Dibromoethane	<SRL	U	1	0.81	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.81	0.50
Chlorobenzene	<SRL	U	1	0.81	0.50
Ethylbenzene	<SRL	U	1	0.81	0.50
m & p-Xylene	<SRL	U	1	1.62	1.00
Bromoform	<SRL	U	1	0.81	0.50
Styrene	<SRL	U	1	0.81	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.81	0.50
o-Xylene	<SRL	U	1	0.81	0.50
4-Ethyltoluene	<SRL	U	1	0.81	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.81	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.81	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.81	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.81	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.81	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.81	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.81	0.50
Hexachlorobutadiene	<SRL	U	1	0.81	0.50
BFB-Surrogate Std, % Recovery		97%			70-130%

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/09/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/20/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.57	102
Chlorodifluoromethane	10.20	10.04	98
Propene	10.70	10.25	96
Dichlorodifluoromethane	10.40	10.22	98
Dimethyl Ether	10.10	9.79	97
Chloromethane	10.50	10.22	97
Dichlorotetrafluoroethane	10.20	9.38	92
Vinyl Chloride	10.60	10.73	101
Acetaldehyde	20.90	21.62	103
Methanol	20.40	20.11	99
1,3-Butadiene	10.70	10.85	101
Bromomethane	10.40	9.68	93
Chloroethane	10.40	9.85	95
Dichlorofluoromethane	10.10	9.78	97
Ethanol	11.40	10.25	90
Vinyl Bromide	10.10	9.33	92
Acrolein	10.90	11.14	102
Acetone	10.60	10.04	95
Trichlorofluoromethane	10.50	9.81	93
2-Propanol (IPA)	11.00	9.78	89
Acrylonitrile	11.10	10.39	94
1,1-Dichloroethene	10.50	9.91	94
Methylene Chloride (DCM)	10.40	9.58	92
TertButanol (TBA)	11.20	11.95	107
Allyl Chloride	10.20	10.81	106
Carbon Disulfide	10.50	11.77	112
Trichlorotrifluoroethane	10.30	9.56	93
trans-1,2-Dichloroethene	10.80	10.76	100
1,1-Dichloroethane	10.70	10.62	99
Methyl Tert Butyl Ether (MTBE)	10.70	11.06	103
Vinyl Acetate	11.00	13.02	118
2-Butanone (MEK)	10.70	10.52	98
cis-1,2-Dichloroethene	10.70	10.85	101
Hexane	10.80	9.64	89
Chloroform	10.70	10.69	100
Ethyl Acetate	10.70	11.19	105
Tetrahydrofuran	10.40	10.03	96
1,2-Dichloroethane	10.60	10.36	98
1,1,1-Trichloroethane	10.50	10.69	102
Benzene	10.70	10.91	102
Carbon Tetrachloride	10.30	11.35	110
Cyclohexane	10.50	10.18	97

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	11.28	105
Bromodichloromethane	10.50	11.87	113
1,4-Dioxane	10.50	10.43	99
Trichloroethene (TCE)	10.50	10.30	98
2,2,4-Trimethylpentane	10.10	10.25	101
Methyl Methacrylate	11.00	11.53	105
Heptane	10.50	10.39	99
cis-1,3-Dichloropropene	10.50	11.60	110
4-Methyl-2-pentanone (MiBK)	10.50	10.79	103
trans-1,3-Dichloropropene	10.60	11.58	109
1,1,2-Trichloroethane	10.60	9.61	91
Toluene	10.80	10.55	98
2-Hexanone (MBK)	10.50	11.31	108
Dibromochloromethane	10.60	12.02	113
1,2-Dibromoethane	10.60	11.11	105
Tetrachloroethene (PCE)	10.50	10.09	96
Chlorobenzene	10.80	10.32	96
Ethylbenzene	10.60	10.21	96
m & p-Xylene	21.20	20.07	95
Bromoform	10.60	11.51	109
Styrene	10.60	10.51	99
1,1,2,2-Tetrachloroethane	10.60	10.52	99
o-Xylene	10.60	10.40	98
1,2,3-Trichloropropane	11.00	11.19	102
Isopropylbenzene (Cumene)	10.40	10.10	97
α-Pinene	10.80	10.53	98
2-Chlorotoluene	10.30	10.02	97
n-Propylbenzene	10.10	9.93	98
4-Ethyltoluene	10.40	9.73	94
1,3,5-Trimethylbenzene	10.30	9.97	97
β-Pinene	10.90	8.73	80
1,2,4-Trimethylbenzene	10.30	9.91	96
Benzyl Chloride (a-Chlorotoluene)	10.30	10.31	100
1,3-Dichlorobenzene	10.30	8.83	86
1,4-Dichlorobenzene	10.20	9.64	95
Sec-ButylBenzene	10.00	9.88	99
1,2-Dichlorobenzene	10.40	9.84	95
n-ButylBenzene	10.20	9.38	92
1,2-Dibromo-3-Chloropropane	10.10	10.48	104
1,2,4-Trichlorobenzene	10.50	10.16	97
Naphthalene	10.90	10.51	96
Hexachlorobutadiene	10.80	9.72	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%.

* - β-Pinene results are estimated.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/09/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
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	9.57	9.49	102	101	0.8
1,1-Dichloroethene	0.0	10.50	9.91	10.07	94	96	1.6
Methylene Chloride (DCM)	0.0	10.40	9.58	9.69	92	93	1.1
Benzene	0.0	10.70	10.91	10.99	102	103	0.7
Trichloroethene (TCE)	0.0	10.50	10.30	10.56	98	101	2.5
Toluene	0.0	10.80	10.55	10.89	98	101	3.2
Tetrachloroethene (PCE)	0.0	10.50	10.09	10.65	96	101	5.4
Chlorobenzene	0.0	10.80	10.32	10.34	96	96	0.2
Ethylbenzene	0.0	10.60	10.21	10.31	96	97	1.0
m & p-Xylene	0.0	21.20	20.07	20.08	95	95	0.0
o-Xylene	0.0	10.60	10.40	10.33	98	97	0.7

[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 : 10/09/2024 | **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 100924*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	95%	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 100924*	*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 : 10/09/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x2.71

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242418-65034

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	8.94	8.81	1.5
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	4.36	4.17	4.4
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	7.93	8.06	1.7
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%).

SRL - Sample Reporting Limit (minimum)

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CHAIN OF CUSTODY RECORD 242418

Client/Project Name	Project Location
SCS ENGINEERS / CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print)	**(Signature)**
ED. GUZMAN	Ed
No. Of Containers	
7	

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	M07 91 SULFUR	TO-15 FULL LIST	5-D PRESSURE	Remarks canister/controller
MS-07	10-7/8-24	0710-0710	65034	6L SUMMA CANISTER	X	X	-18HG	001979/19512
MS-12	10-7/8-24	0720-0720	65035	6L SUMMA CANISTER	X	X	-10HG	002098/19510
MS-08	10-7/8-24	0729-0729	65036	6L SUMMA CANISTER	X	X	-3HG	002143/19505
MS-09	10-7/8-24	0741-0741	65037	6L SUMMA CANISTER	X	X	-6HG	002051/19504
MS-10	10-7/8-24	0752-0752	65038	6L SUMMA CANISTER	X	X	-4HG	001920/19511
MS-06	10-7/8-24	0810-0810	65039	6L SUMMA CANISTER	X	X	-11HG	002016/03304
MS-11	10-7/8-24	0830-0830	65040	6L SUMMA CANISTER	X	X	-4HG	002116/17589

	Date	Time		Date	Time
Relinquished by: (Signature) Ed	10/8/24	0944	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	10/8/24	0944
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

AACVENTURA

7x cans + 7x coated Encls

CHAIN OF CUSTODY RECORD 24218

Client/Project Name	Project Location
SCS ENGINEERS / CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print)	**(Signature)**
ED - GUZMAN	Ed

No. Of Containers: 7

ANALYSES: 307.9/SULFUR

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.9/SULFUR	Remarks
MS-07	10-7/8-24	0710-0710	65041	10 LITER BAG	X	
MS-12	10-7/8-24	0720-0720	65042	10 LITER BAG	X	
MS-08	10-7/8-24	0729-0729	65043	10 LITER BAG	X	
MS-09	10-7/8-24	0741-0741	65044	10 LITER BAG	X	
MS-10	10-7/8-24	0752-0752	65045	10 LITER BAG	X	
MS-06	10-7/8-24	0810-0810	65046	10 LITER BAG	X	
MS-11	10-7/8-24	0830-0830	65047	10 LITER BAG	X	

	Date	Time		Date	Time
Relinquished by: (Signature) Ed	10/8/24	0944	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	10/8/24	0944
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. : 242418
REPORT DATE : 10/10/2024

On October 8th 2024, 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	242418-65034	377.0	MS-07	242418-65041
MS-12	242418-65035	585.3	MS-12	242418-65042
MS-08	242418-65036	667.4	MS-08	242418-65043
MS-09	242418-65037	607.2	MS-09	242418-65044
MS-10	242418-65038	629.1	MS-10	242418-65045
MS-06	242418-65039	529.3	MS-06	242418-65046
MS-11	242418-65040	630.1	MS-11	242418-65047

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

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

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 10 pages.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242418
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/7-8/2024
RECEIVING DATE : 10/08/2024
ANALYSIS DATE : 10/09/2024
REPORT DATE : 10/10/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242418-65034	242418-65035	242418-65036	242418-65037
Canister Dil. Fac.	2.71	1.74	1.53	1.69
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.014	< 0.009	< 0.008	< 0.008
COS / SO2	< 0.014	< 0.009	< 0.008	< 0.008
Methyl Mercaptan	< 0.014	< 0.009	< 0.008	< 0.008
Ethyl Mercaptan	< 0.014	< 0.009	< 0.008	< 0.008
Dimethyl Sulfide	< 0.014	< 0.009	< 0.008	< 0.008
Carbon Disulfide	< 0.014	< 0.009	< 0.008	< 0.008
Isopropyl Mercaptan	< 0.014	< 0.009	< 0.008	< 0.008
tert-Butyl Mercaptan	< 0.014	< 0.009	< 0.008	< 0.008
n-Propyl Mercaptan	< 0.014	< 0.009	< 0.008	< 0.008
Methylethylsulfide	< 0.014	< 0.009	< 0.008	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.014	< 0.009	< 0.008	< 0.008
iso-Butyl Mercaptan	< 0.014	< 0.009	< 0.008	< 0.008
Diethyl Sulfide	< 0.014	< 0.009	< 0.008	< 0.008
n-Butyl Mercaptan	< 0.014	< 0.009	< 0.008	< 0.008
Dimethyl Disulfide	< 0.014	< 0.009	< 0.008	< 0.008
2-Methylthiophene	< 0.014	< 0.009	< 0.008	< 0.008
3-Methylthiophene	< 0.014	< 0.009	< 0.008	< 0.008
Tetrahydrothiophene	< 0.014	< 0.009	< 0.008	< 0.008
Bromothiophene	< 0.014	< 0.009	< 0.008	< 0.008
Thiophenol	< 0.014	< 0.009	< 0.008	< 0.008
Diethyl Disulfide	< 0.014	< 0.009	< 0.008	< 0.008
Total Unidentified Sulfur	< 0.014	< 0.009	< 0.008	< 0.008
Total Reduced Sulfurs	< 0.014	< 0.009	< 0.008	< 0.008

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

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242418
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/7-8/2024
RECEIVING DATE : 10/08/2024
ANALYSIS DATE : 10/09/2024
REPORT DATE : 10/10/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242418-65038	242418-65039	242418-65040
Canister Dil. Fac.	1.62	1.94	1.62
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.010	< 0.008
COS / SO2	< 0.008	< 0.010	< 0.008
Methyl Mercaptan	< 0.008	< 0.010	< 0.008
Ethyl Mercaptan	< 0.008	< 0.010	< 0.008
Dimethyl Sulfide	< 0.008	< 0.010	< 0.008
Carbon Disulfide	< 0.008	< 0.010	< 0.008
Isopropyl Mercaptan	< 0.008	< 0.010	< 0.008
tert-Butyl Mercaptan	< 0.008	< 0.010	< 0.008
n-Propyl Mercaptan	< 0.008	< 0.010	< 0.008
Methylethylsulfide	< 0.008	< 0.010	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.010	< 0.008
iso-Butyl Mercaptan	< 0.008	< 0.010	< 0.008
Diethyl Sulfide	< 0.008	< 0.010	< 0.008
n-Butyl Mercaptan	< 0.008	< 0.010	< 0.008
Dimethyl Disulfide	< 0.008	< 0.010	< 0.008
2-Methylthiophene	< 0.008	< 0.010	< 0.008
3-Methylthiophene	< 0.008	< 0.010	< 0.008
Tetrahydrothiophene	< 0.008	< 0.010	< 0.008
Bromothiophene	< 0.008	< 0.010	< 0.008
Thiophenol	< 0.008	< 0.010	< 0.008
Diethyl Disulfide	< 0.008	< 0.010	< 0.008
Total Unidentified Sulfur	< 0.008	< 0.010	< 0.008
Total Reduced Sulfurs	< 0.008	< 0.010	< 0.008

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

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242418
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/7-8/2024
RECEIVING DATE : 10/08/2024
ANALYSIS DATE : 10/08/2024
REPORT DATE : 10/10/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242418-65041	242418-65042	242418-65043	242418-65044
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. : 242418
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/7-8/2024
RECEIVING DATE : 10/08/2024
ANALYSIS DATE : 10/08/2024
REPORT DATE : 10/10/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242418-65045	242418-65046	242418-65047
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: 10/8/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7505	0.527	103.2	0.0
Duplicate	7606	0.535	104.6	1.3
Triplicate	7408	0.521	101.9	1.3

0.502 ppbV H2S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6262	0.522	104.1	0.8
Duplicate	6236	0.520	103.6	0.3
Triplicate	6149	0.513	102.2	1.1

0.497 ppbV H2S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8902	0.520	104.5	0.2
Duplicate	8935	0.521	104.9	0.2
Triplicate	8916	0.520	104.7	0.0

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242416-65013**

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 242416-65013 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.274	0.251	107.2	98.2	8.8
MeSH	<PQL	0.251	0.260	0.250	103.6	99.6	3.9
DMS	<PQL	0.249	0.268	0.266	107.8	107.0	0.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.524	102.5
MeSH	0.502	0.530	105.6
DMS	0.497	0.540	108.7

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

PQL = 50.0 ppbV
MDL = 1.1 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/9/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial		#VALUE!	#VALUE!	#VALUE!
Duplicate	7591	0.533	104.4	1.7
Triplicate	7343	0.516	101.0	1.7

0.502 ppmV H2S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6271	0.523	104.2	0.3
Duplicate	6309	0.526	104.8	0.9
Triplicate	6182	0.516	102.7	1.1

0.497 ppmV H2S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8803	0.514	103.4	0.8
Duplicate	8940	0.522	105.0	0.8
Triplicate	8873	0.518	104.2	0.0

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.273	0.273	106.8	106.8	0.0
MeSH	<PQL	0.251	0.258	0.265	102.8	105.6	2.7
DMS	<PQL	0.249	0.271	0.267	109.1	107.4	1.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.488	95.5
MeSH	0.502	0.500	99.6
DMS	0.497	0.509	102.4

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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CHAIN OF CUSTODY RECORD 242418

Client/Project Name	Project Location
SCS ENGINEERS/ CHIQUITA CANYON LANDFILL A.R/ORDOR SAMPLING	VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print)	**(Signature)**
ED. GUZMAN	

No. Of Containers: 7

ANALYSES: M0791 SULFUR; TO-15 FULL LIST; 3-D PRESSURE

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	M0791 Sulfur	TO-15 Full List	3-D Pressure	Remarks canister/controller
MS-07	10-7/8-24	0710-0710	65034	6L SUMMA CANISTER	X	X		-18HG 001979/19512
MS-12	10-7/8-24	0720-0720	65035	6L SUMMA CANISTER	X	X		-10HG 002098/19510
MS-08	10-7/8-24	0729-0729	65036	6L SUMMA CANISTER	X	X		-3HG 002143/19505
MS-09	10-7/8-24	0741-0741	65037	6L SUMMA CANISTER	X	X		-6HG 002051/19504
MS-10	10-7/8-24	0752-0752	65038	6L SUMMA CANISTER	X	X		-4HG 001920/19511
MS-06	10-7/8-24	0810-0810	65039	6L SUMMA CANISTER	X	X		-11HG 002016/03304
MS-11	10-7/8-24	0830-0830	65040	6L SUMMA CANISTER	X	X		-4HG 002116/17589

	Date	Time		Date	Time
Relinquished by: (Signature)	10/8/24	0944	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	10/8/24	0944
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

AACVENTURA

7x conv + 7x coated Emmaks

CHAIN OF CUSTODY RECORD 242418

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
ED. GUZMAN	Ed	7

ANALYSES: 307.91 SURF

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.91 SURF					Remarks
MS-07	10-7/8-24	0710-0710	65041	10 LITER BAG	X					
MS-12	10-7/8-24	0720-0720	65042	10 LITER BAG	X					
MS-08	10-7/8-24	0729-0729	65043	10 LITER BAG	X					
MS-09	10-7/8-24	0741-0741	65044	10 LITER BAG	X					
MS-10	10-7/8-24	0752-0752	65045	10 LITER BAG	X					
MS-06	10-7/8-24	0810-0810	65046	10 LITER BAG	X					
MS-11	10-7/8-24	0830-0830	65047	10 LITER BAG	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ed	10/8/24	0944			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
				10/8/24	0944

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

Date 10-7/8-24

2 42418

	Start Pressure	End Pressure	Start Time	End Time	Analyzed	Run Time
MS-07	-30 HG	-18 HG	0710	0710	yes	24.0
MS-12	-30 HG	-10 HG	0720	0720	yes	24.0
MS-08	-29 HG	-3 HG	0729	0729	yes	24.0
MS-09	-29 HG	-6 HG	0741	0741	yes	24.0
MS-10	-29 HG	-4 HG	0752	0752	yes	24.0
MS-06	-30 HG	-11 HG	0810	0810	yes	24.0
MS-11	-29 HG	-4 HG	0830	0830	yes	24.0

Comments:

CLIENT	:	SCS Engineers
PROJECT NAME	:	Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO.	:	242487 - Rev 1
REPORT DATE	:	10/22/2024

On October 15, 2024, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite canisters for Volatile Organic Compounds 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	242487-65424	670.9
MS-12	242487-65425	686.2
MS-08	242487-65426	755.2
MS-09	242487-65427	667.1
MS-10	242487-65428	721.5
MS-06	242487-65429	644.4
MS-11	242487-65430	609.4

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

Report 242487 - Rev 1 supersedes report 242487. The project number on the report sheets was corrected on October 22, 2024.

This report consists of 15 pages.

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242487 - Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/15/2024
DATE REPORTED : 10/22/2024
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	242487-65424				242487-65425				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/16/2024				10/16/2024				
Can Dilution Factor	1.54				1.50				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Propene	<SRL	U	1	1.54	<SRL	U	1	1.50	1.00
Dichlorodifluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Chloromethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Vinyl Chloride	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Methanol	<SRL	U	1	7.68	<SRL	U	1	7.48	5.00
1,3-Butadiene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Bromomethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Chloroethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Dichlorofluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Ethanol	3.12		1	3.07	3.25		1	2.99	2.00
Vinyl Bromide	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Acetone	5.82		1	3.07	5.81		1	2.99	2.00
Trichlorofluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
2-Propanol (IPA)	<SRL	U	1	3.07	<SRL	U	1	2.99	2.00
Acrylonitrile	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,1-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.54	<SRL	U	1	1.50	1.00
Allyl Chloride	<SRL	U	1	1.54	<SRL	U	1	1.50	1.00
Carbon Disulfide	<SRL	U	1	3.07	<SRL	U	1	2.99	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,1-Dichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Vinyl Acetate	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
2-Butanone (MEK)	<SRL	U	1	1.54	<SRL	U	1	1.50	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Hexane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Chloroform	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Ethyl Acetate	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Tetrahydrofuran	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,2-Dichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Benzene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242487 - Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/15/2024
DATE REPORTED : 10/22/2024
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	242487-65424				242487-65425				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/16/2024				10/16/2024				
Can Dilution Factor	1.54				1.50				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Cyclohexane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,2-Dichloropropane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Bromodichloromethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,4-Dioxane	<SRL	U	1	1.54	<SRL	U	1	1.50	1.00
Trichloroethene (TCE)	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Heptane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Toluene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
2-Hexanone (MBK)	<SRL	U	1	1.54	<SRL	U	1	1.50	1.00
Dibromochloromethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,2-Dibromoethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Chlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Ethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
m & p-Xylene	<SRL	U	1	1.54	<SRL	U	1	1.50	1.00
Bromoform	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Styrene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
o-Xylene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
4-Ethyltoluene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
Hexachlorobutadiene	<SRL	U	1	0.77	<SRL	U	1	0.75	0.50
BFB-Surrogate Std. % Recovery		96%				90%			70-130%

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242487 - Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/15/2024
DATE REPORTED : 10/22/2024
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	242487-65426				242487-65427				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/16/2024				10/16/2024				
Can Dilution Factor	1.36				1.55				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Propene	<SRL	U	1	1.36	<SRL	U	1	1.55	1.00
Dichlorodifluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Chloromethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Vinyl Chloride	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Methanol	10.9		1	6.79	<SRL	U	1	7.77	5.00
1,3-Butadiene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Bromomethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Chloroethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Dichlorofluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Ethanol	6.23		1	2.71	4.54		1	3.11	2.00
Vinyl Bromide	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Acetone	7.82		1	2.71	9.48		1	3.11	2.00
Trichlorofluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
2-Propanol (IPA)	<SRL	U	1	2.71	<SRL	U	1	3.11	2.00
Acrylonitrile	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,1-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.36	<SRL	U	1	1.55	1.00
Allyl Chloride	<SRL	U	1	1.36	<SRL	U	1	1.55	1.00
Carbon Disulfide	<SRL	U	1	2.71	<SRL	U	1	3.11	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,1-Dichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Vinyl Acetate	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
2-Butanone (MEK)	<SRL	U	1	1.36	<SRL	U	1	1.55	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Hexane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Chloroform	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Ethyl Acetate	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Tetrahydrofuran	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,2-Dichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Benzene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242487 - Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/15/2024
DATE REPORTED : 10/22/2024
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	242487-65426				242487-65427				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/16/2024				10/16/2024				
Can Dilution Factor	1.36				1.55				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Cyclohexane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,2-Dichloropropane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Bromodichloromethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,4-Dioxane	<SRL	U	1	1.36	<SRL	U	1	1.55	1.00
Trichloroethene (TCE)	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Heptane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Toluene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
2-Hexanone (MBK)	<SRL	U	1	1.36	<SRL	U	1	1.55	1.00
Dibromochloromethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,2-Dibromoethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Chlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Ethylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
m & p-Xylene	<SRL	U	1	1.36	<SRL	U	1	1.55	1.00
Bromoform	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Styrene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
o-Xylene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
4-Ethyltoluene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
Hexachlorobutadiene	<SRL	U	1	0.68	<SRL	U	1	0.78	0.50
BFB-Surrogate Std. % Recovery		94%				96%			70-130%

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242487 - Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/15/2024
DATE REPORTED : 10/22/2024
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	242487-65428				242487-65429				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/16/2024				10/16/2024				
Can Dilution Factor	1.42				1.59				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.59	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Methanol	<SRL	U	1	7.11	<SRL	U	1	7.97	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Ethanol	3.97		1	2.84	3.44		1	3.19	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Acetone	5.91		1	2.84	7.14		1	3.19	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
2-Propanol (IPA)	<SRL	U	1	2.84	<SRL	U	1	3.19	2.00
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.59	1.00
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.59	1.00
Carbon Disulfide	<SRL	U	1	2.84	<SRL	U	1	3.19	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.59	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242487 - Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/15/2024
DATE REPORTED : 10/22/2024
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	242487-65428				242487-65429				
Date Sampled	10/14/2024				10/14/2024				
Date Analyzed	10/16/2024				10/16/2024				
Can Dilution Factor	1.42				1.59				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.59	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.59	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.59	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.80	0.50
BFB-Surrogate Std. % Recovery		93%				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 : 242487 - Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/15/2024
DATE REPORTED : 10/22/2024
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	242487-65430				
Date Sampled	10/14/2024				
Date Analyzed	10/16/2024				
Can Dilution Factor	1.69				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.84	0.50
Propene	<SRL	U	1	1.69	1.00
Dichlorodifluoromethane	<SRL	U	1	0.84	0.50
Chloromethane	<SRL	U	1	0.84	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.84	0.50
Vinyl Chloride	<SRL	U	1	0.84	0.50
Methanol	72.9		1	8.43	5.00
1,3-Butadiene	<SRL	U	1	0.84	0.50
Bromomethane	<SRL	U	1	0.84	0.50
Chloroethane	<SRL	U	1	0.84	0.50
Dichlorofluoromethane	<SRL	U	1	0.84	0.50
Ethanol	4.80		1	3.37	2.00
Vinyl Bromide	<SRL	U	1	0.84	0.50
Acetone	7.08		1	3.37	2.00
Trichlorofluoromethane	<SRL	U	1	0.84	0.50
2-Propanol (IPA)	<SRL	U	1	3.37	2.00
Acrylonitrile	<SRL	U	1	0.84	0.50
1,1-Dichloroethene	<SRL	U	1	0.84	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.69	1.00
Allyl Chloride	<SRL	U	1	1.69	1.00
Carbon Disulfide	<SRL	U	1	3.37	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.84	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.84	0.50
1,1-Dichloroethane	<SRL	U	1	0.84	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.84	0.50
Vinyl Acetate	<SRL	U	1	0.84	0.50
2-Butanone (MEK)	<SRL	U	1	1.69	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.84	0.50
Hexane	<SRL	U	1	0.84	0.50
Chloroform	<SRL	U	1	0.84	0.50
Ethyl Acetate	<SRL	U	1	0.84	0.50
Tetrahydrofuran	<SRL	U	1	0.84	0.50
1,2-Dichloroethane	<SRL	U	1	0.84	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.84	0.50
Benzene	<SRL	U	1	0.84	0.50

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242487 - Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/15/2024
DATE REPORTED : 10/22/2024
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	242487-65430				
Date Sampled	10/14/2024				
Date Analyzed	10/16/2024				
Can Dilution Factor	1.69				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.84	0.50
Cyclohexane	<SRL	U	1	0.84	0.50
1,2-Dichloropropane	<SRL	U	1	0.84	0.50
Bromodichloromethane	<SRL	U	1	0.84	0.50
1,4-Dioxane	<SRL	U	1	1.69	1.00
Trichloroethene (TCE)	<SRL	U	1	0.84	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.84	0.50
Heptane	<SRL	U	1	0.84	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.84	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.84	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.84	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.84	0.50
Toluene	<SRL	U	1	0.84	0.50
2-Hexanone (MBK)	<SRL	U	1	1.69	1.00
Dibromochloromethane	<SRL	U	1	0.84	0.50
1,2-Dibromoethane	<SRL	U	1	0.84	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.84	0.50
Chlorobenzene	<SRL	U	1	0.84	0.50
Ethylbenzene	<SRL	U	1	0.84	0.50
m & p-Xylene	<SRL	U	1	1.69	1.00
Bromoform	<SRL	U	1	0.84	0.50
Styrene	<SRL	U	1	0.84	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.84	0.50
o-Xylene	<SRL	U	1	0.84	0.50
4-Ethyltoluene	<SRL	U	1	0.84	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.84	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.84	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.84	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.84	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.84	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.84	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.84	0.50
Hexachlorobutadiene	<SRL	U	1	0.84	0.50
BFB-Surrogate Std. % Recovery		93%			70-130%

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

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/16/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/20/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	9.75	104
Chlorodifluoromethane	10.20	10.86	106
Propene	10.70	11.62	109
Dichlorodifluoromethane	10.40	11.00	106
Dimethyl Ether	10.10	10.80	107
Chloromethane	10.50	11.30	108
Dichlorotetrafluoroethane	10.20	10.17	100
Vinyl Chloride	10.60	11.83	112
Acetaldehyde	20.90	22.90	110
Methanol	20.40	22.69	111
1,3-Butadiene	10.70	11.99	112
Bromomethane	10.40	10.72	103
Chloroethane	10.40	10.38	100
Dichlorofluoromethane	10.10	10.47	104
Ethanol	11.40	11.93	105
Vinyl Bromide	10.10	10.50	104
Acrolein	10.90	12.31	113
Acetone	10.60	10.57	100
Trichlorofluoromethane	10.50	10.69	102
2-Propanol (IPA)	11.00	11.16	101
Acrylonitrile	11.10	11.42	103
1,1-Dichloroethene	10.50	10.48	100
Methylene Chloride (DCM)	10.40	10.02	96
TertButanol (TBA)	11.20	12.81	114
Allyl Chloride	10.20	11.42	112
Carbon Disulfide	10.50	12.56	120
Trichlorotrifluoroethane	10.30	10.04	97
trans-1,2-Dichloroethene	10.80	11.44	106
1,1-Dichloroethane	10.70	11.22	105
Methyl Tert Butyl Ether (MTBE)	10.70	11.69	109
Vinyl Acetate	11.00	14.12	128
2-Butanone (MEK)	10.70	10.40	97
cis-1,2-Dichloroethene	10.70	11.30	106
Hexane	10.80	9.87	91
Chloroform	10.70	11.30	106
Ethyl Acetate	10.70	12.10	113
Tetrahydrofuran	10.40	10.42	100
1,2-Dichloroethane	10.60	10.99	104
1,1,1-Trichloroethane	10.50	11.30	108
Benzene	10.70	11.28	105
Carbon Tetrachloride	10.30	11.97	116
Cyclohexane	10.50	10.66	102

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	11.87	111
Bromodichloromethane	10.50	12.56	120
1,4-Dioxane	10.50	10.76	102
Trichloroethene (TCE)	10.50	10.69	102
2,2,4-Trimethylpentane	10.10	10.82	107
Methyl Methacrylate	11.00	12.24	111
Heptane	10.50	10.80	103
cis-1,3-Dichloropropene	10.50	12.13	116
4-Methyl-2-pentanone (MiBK)	10.50	11.52	110
trans-1,3-Dichloropropene	10.60	12.08	114
1,1,2-Trichloroethane	10.60	10.03	95
Toluene	10.80	10.97	102
2-Hexanone (MBK)	10.50	11.82	113
Dibromochloromethane	10.60	12.63	119
1,2-Dibromoethane	10.60	11.52	109
Tetrachloroethene (PCE)	10.50	10.36	99
Chlorobenzene	10.80	10.62	98
Ethylbenzene	10.60	10.59	100
m & p-Xylene	21.20	20.80	98
Bromoform	10.60	11.96	113
Styrene	10.60	11.00	104
1,1,2,2-Tetrachloroethane	10.60	10.94	103
o-Xylene	10.60	10.75	101
1,2,3-Trichloropropane	11.00	11.66	106
Isopropylbenzene (Cumene)	10.40	10.43	100
α-Pinene	10.80	10.68	99
2-Chlorotoluene	10.30	10.57	103
n-Propylbenzene	10.10	10.21	101
4-Ethyltoluene	10.40	9.99	96
1,3,5-Trimethylbenzene	10.30	10.27	100
β-Pinene	10.90	9.32	86
1,2,4-Trimethylbenzene	10.30	10.16	99
Benzyl Chloride (a-Chlorotoluene)	10.30	10.57	103
1,3-Dichlorobenzene	10.30	8.87	86
1,4-Dichlorobenzene	10.20	9.82	96
Sec-ButylBenzene	10.00	10.17	102
1,2-Dichlorobenzene	10.40	10.12	97
n-ButylBenzene	10.20	9.81	96
1,2-Dibromo-3-Chloropropane	10.10	10.45	103
1,2,4-Trichlorobenzene	10.50	10.28	98
Naphthalene	10.90	10.77	99
Hexachlorobutadiene	10.80	10.20	94

[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 : 10/16/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
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	9.75	9.33	104	99	4.4
1,1-Dichloroethene	0.0	10.50	10.48	10.02	100	95	4.5
Methylene Chloride (DCM)	0.0	10.40	10.02	9.14	96	88	9.2
Benzene	0.0	10.70	11.28	10.81	105	101	4.3
Trichloroethene (TCE)	0.0	10.50	10.69	10.19	102	97	4.8
Toluene	0.0	10.80	10.97	10.83	102	100	1.3
Tetrachloroethene (PCE)	0.0	10.50	10.36	10.45	99	100	0.9
Chlorobenzene	0.0	10.80	10.62	10.20	98	94	4.0
Ethylbenzene	0.0	10.60	10.59	10.06	100	95	5.1
m & p-Xylene	0.0	21.20	20.80	19.09	98	90	8.6
o-Xylene	0.0	10.60	10.75	10.20	101	96	5.3

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/16/2024 | **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 101624*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	92%	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 101624*	*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 : 10/16/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.69

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242487-65430

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	9.06	9.16	1.1
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 J	7.72	8.26	6.8
1,3-Butadiene	<SRL	<SRL	*NA*
Bromomethane	<SRL	<SRL	*NA*
Chloroethane	<SRL	<SRL	*NA*
Dichlorofluoromethane	<SRL	<SRL	*NA*
Ethanol	4.92	4.70	4.6
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	10.3	9.98	3.0
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 24487

Client/Project Name	Project Location
SCS ENGINEERS / CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print)	**(Signature)**
ED. GUZMAN	Ed

No. Of Containers: 7

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307-9 SULFUR	TO-15 FULL LIST			(END) PRESSURE	Remarks Canister/Controller
MS-07	10-14/15-24	0724-0728	65424	6L SUMMA CANISTER	X	X			-12 Hg	002018/000884
MS-12	10-14/15-24	0737-0740	65425	6L SUMMA CANISTER	X	X			-1 Hg	002044/19508
MS-08	10-14/15-24	0747-0749	65426	6L SUMMA CANISTER	X	X			-1 Hg	002159/17594
MS-09	10-14/15-24	0801-0804	65427	6L SUMMA CANISTER	X	X			0 Hg	002039/19507
MS-10	10-14/15-24	0812-0820	65428	6L SUMMA CANISTER	X	X			-4 Hg	002005/17582
MS-06	10-14/15-24	0831-0838	65429	6L SUMMA CANISTER	X	X			-3 Hg	001981/05097
MS-11	10-14/15-24	0853-0900	65430	6L SUMMA CANISTER	X	X			-6 Hg	001809/19596

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
C	10-15-24	1000			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
			H	10/15/24	1003

Sample Disposal Method:	Disposed of by: (Signature)	Date	Time

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC VENTURA

010 - 7L cans + 7L coated Entechs

CHAIN OF CUSTODY RECORD 242487

Client/Project Name	Project Location
SCS ENGINEERS/ CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print) Ed Gruen	**(Signature)** Ed
No. Of Containers 7	

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307-91 SULFUR					Remarks
MS-07	10-14/15-24	0724-0728	65431	10 LITER BAG	X					
MS-12	10-14/15-24	0737-0740	65432	10 LITER BAG	X					
MS-08	10-14/15-24	0747-0749	65433	10 LITER BAG	X					
MS-09	10-14/15-24	0801-0804	65434	10 LITER BAG	X					
MS-10	10-14/15-24	0812-0820	65435	10 LITER BAG	X					
MS-06	10-14/15-24	0831-0838	65436	10 LITER BAG	X					
MS-11	10-14/15-24	0853-0900	65437	10 LITER BAG	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
C Noll	10-15-24	1000			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
			+	10/15/24	1003
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC VENTURA

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 242487
REPORT DATE : 10/17/2024

On October 15th 2024, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags, and seven (7) Six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Returned Pressure (mmHg)	Client ID	Lab No.
MS-07	242487-65424	670.9	MS-07	242487-65431
MS-12	242487-65425	686.2	MS-12	242487-65432
MS-08	242487-65426	755.2	MS-08	242487-65433
MS-09	242487-65427	667.1	MS-09	242487-65434
MS-10	242487-65428	721.5	MS-10	242487-65435
MS-06	242487-65429	644.4	MS-06	242487-65436
MS-11	242487-65430	609.4	MS-11	242487-65437

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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242487
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/14-15/2024
RECEIVING DATE : 10/15/2024
ANALYSIS DATE : 10/16/2024
REPORT DATE : 10/17/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08
AAC ID	242487-65424	242487-65425	242487-65426
Canister Dil. Fac.	1.54	1.50	1.36
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.007	< 0.007
COS / SO2	< 0.008	< 0.007	< 0.007
Methyl Mercaptan	< 0.008	< 0.007	< 0.007
Ethyl Mercaptan	< 0.008	< 0.007	< 0.007
Dimethyl Sulfide	< 0.008	< 0.007	< 0.007
Carbon Disulfide	< 0.008	< 0.007	< 0.007
Isopropyl Mercaptan	< 0.008	< 0.007	< 0.007
tert-Butyl Mercaptan	< 0.008	< 0.007	< 0.007
n-Propyl Mercaptan	< 0.008	< 0.007	< 0.007
Methylethylsulfide	< 0.008	< 0.007	< 0.007
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.007	< 0.007
iso-Butyl Mercaptan	< 0.008	< 0.007	< 0.007
Diethyl Sulfide	< 0.008	< 0.007	< 0.007
n-Butyl Mercaptan	< 0.008	< 0.007	< 0.007
Dimethyl Disulfide	< 0.008	< 0.007	< 0.007
2-Methylthiophene	< 0.008	< 0.007	< 0.007
3-Methylthiophene	< 0.008	< 0.007	< 0.007
Tetrahydrothiophene	< 0.008	< 0.007	< 0.007
Bromothiophene	< 0.008	< 0.007	< 0.007
Thiophenol	< 0.008	< 0.007	< 0.007
Diethyl Disulfide	< 0.008	< 0.007	< 0.007
Total Unidentified Sulfur	< 0.008	< 0.007	< 0.007
Total Reduced Sulfurs	< 0.008	< 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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242487
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/14-15/2024
RECEIVING DATE : 10/15/2024
ANALYSIS DATE : 10/16/2024
REPORT DATE : 10/17/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-09	MS-10	MS-06	MS-11
AAC ID	242487-65427	242487-65428	242487-65429	242487-65430
Canister Dil. Fac.	1.55	1.42	1.59	1.69
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.007	< 0.008	< 0.008
COS / SO2	< 0.008	< 0.007	< 0.008	< 0.008
Methyl Mercaptan	< 0.008	< 0.007	< 0.008	< 0.008
Ethyl Mercaptan	< 0.008	< 0.007	< 0.008	< 0.008
Dimethyl Sulfide	< 0.008	< 0.007	< 0.008	< 0.008
Carbon Disulfide	< 0.008	< 0.007	< 0.008	< 0.008
Isopropyl Mercaptan	< 0.008	< 0.007	< 0.008	< 0.008
tert-Butyl Mercaptan	< 0.008	< 0.007	< 0.008	< 0.008
n-Propyl Mercaptan	< 0.008	< 0.007	< 0.008	< 0.008
Methylethylsulfide	< 0.008	< 0.007	< 0.008	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.007	< 0.008	< 0.008
iso-Butyl Mercaptan	< 0.008	< 0.007	< 0.008	< 0.008
Diethyl Sulfide	< 0.008	< 0.007	< 0.008	< 0.008
n-Butyl Mercaptan	< 0.008	< 0.007	< 0.008	< 0.008
Dimethyl Disulfide	< 0.008	< 0.007	< 0.008	< 0.008
2-Methylthiophene	< 0.008	< 0.007	< 0.008	< 0.008
3-Methylthiophene	< 0.008	< 0.007	< 0.008	< 0.008
Tetrahydrothiophene	< 0.008	< 0.007	< 0.008	< 0.008
Bromothiophene	< 0.008	< 0.007	< 0.008	< 0.008
Thiophenol	< 0.008	< 0.007	< 0.008	< 0.008
Diethyl Disulfide	< 0.008	< 0.007	< 0.008	< 0.008
Total Unidentified Sulfur	< 0.008	< 0.007	< 0.008	< 0.008
Total Reduced Sulfurs	< 0.008	< 0.007	< 0.008	< 0.008

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

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242487
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/14-15/2024
RECEIVING DATE : 10/15/2024
ANALYSIS DATE : 10/15/2024
REPORT DATE : 10/17/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08
AAC ID	242487-65431	242487-65432	242487-65433
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005

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

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

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242487
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/14-15/2024
RECEIVING DATE : 10/15/2024
ANALYSIS DATE : 10/15/2024
REPORT DATE : 10/17/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-09	MS-10	MS-06	MS-11
AAC ID	242487-65434	242487-65435	242487-65436	242487-65437
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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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/15/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7302	0.513	100.4	1.9
Duplicate	7538	0.530	103.7	1.3
Triplicate	7490	0.526	103.0	0.6

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5925	0.494	98.5	3.8
Duplicate	6261	0.522	104.0	1.7
Triplicate	6288	0.524	104.5	2.1

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8359	0.488	98.2	3.8
Duplicate	8866	0.517	104.1	2.1
Triplicate	8833	0.516	103.7	1.7

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242485-65412**

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 242485-65412 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.253	0.254	99.0	99.4	0.4
MeSH	<PQL	0.251	0.259	0.256	103.2	102.0	1.2
DMS	<PQL	0.249	0.268	0.265	107.8	106.6	1.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.482	94.3
MeSH	0.502	0.490	97.6
DMS	0.497	0.497	100.0

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/16/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7335	0.515	100.9	3.6
Duplicate	6932	0.487	95.3	2.1
Triplicate	6976	0.490	95.9	1.5

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6266	0.523	104.1	3.4
Duplicate	6076	0.507	101.0	0.2
Triplicate	5844	0.487	97.1	3.6

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8850	0.517	103.9	1.4
Duplicate	8888	0.519	104.4	1.9
Triplicate	8439	0.493	99.1	3.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID** 242203-64137

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** 242203-64137 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.257	0.272	100.6	106.5	5.7
MeSH	<PQL	0.251	0.231	0.254	92.0	101.2	9.5
DMS	<PQL	0.249	0.249	0.270	100.2	108.7	8.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.533	104.3
MeSH	0.502	0.531	105.8
DMS	0.497	0.538	108.2

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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CHAIN OF CUSTODY RECORD 24487

Client/Project Name SCS ENGINEERS / CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	**Project Location** VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print) ED. GRZAN	**(Signature)**
	No. Of Containers 7

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307-91 SULFUR	TO-15 FULL LIST			(-) PRESSURE	Remarks Canister/Controller
MS-07	10-14/15-24	0724 – 0728	65424	6L SUMMA CANISTER	X	X			-12 Hg	002018/00088
MS-12	10-14/15-24	0737 – 0740	65425	6L SUMMA CANISTER	X	X			-1 Hg	002044/19508
MS-08	10-14/15-24	0747 – 0749	65426	6L SUMMA CANISTER	X	X			-1 Hg	002159/17594
MS-09	10-14/15-24	0801 – 0804	65427	6L SUMMA CANISTER	X	X			0 Hg	002039/19507
MS-10	10-14/15-24	0812 – 0820	65428	6L SUMMA CANISTER	X	X			-4 Hg	002005/17582
MS-06	10-14/15-24	0831 – 0838	65429	6L SUMMA CANISTER	X	X			-3 Hg	001981/05097
MS-11	10-14/15-24	0853 – 0900	65430	6L SUMMA CANISTER	X	X			-6 Hg	001809/19596

Relinquished by: (Signature)	**Date** 10-15-24	**Time** 1000	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date** 10/15/24	**Time** 1003
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

10/16 - 7x cans 1 7x empty Canisters

CHAIN OF CUSTODY RECORD 242487

Client/Project Name	Project Location	ANALYSES
SCS ENGINEERS / CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	VALENCIA, CA	
Project No.	**Field Logbook No.**	
Sampler: (Print) Ed Grenier	**(Signature)** Ed	**No. Of Containers** 7

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307-91 SULFUR					Remarks
MS-07	10-14/15-24	0724-0728	65431	10 LITER BAG	X					
MS-12	10-14/15-24	0737-0740	65432	10 LITER BAG	X					
MS-08	10-14/15-24	0747-0749	65433	10 LITER BAG	X					
MS-09	10-14/15-24	0801-0804	65434	10 LITER BAG	X					
MS-10	10-14/15-24	0812-0820	65435	10 LITER BAG	X					
MS-06	10-14/15-24	0831-0838	65436	10 LITER BAG	X					
MS-11	10-14/15-24	0853-0900	65437	10 LITER BAG	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
C Roll	10-15-24	1000			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				10/16/24	1000
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC VENTURA

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 242557
REPORT DATE : 10/24/2024

On October 22, 2024, Atmospheric Analysis & Consulting, Inc. received seven (7) 6.0-Liter Silonite canisters for Volatile Organic Compounds 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	242557-65908	664.8
MS-12	242557-65909	662.5
MS-08	242557-65910	729.2
MS-09	242557-65911	664.8
MS-10	242557-65912	612.1
MS-06	242557-65913	574.2
MS-11	242557-65914	622.4

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, PhD
Technical Director

This report consists of 15 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242557
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/22/2024
DATE REPORTED : 10/24/2024
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	242557-65908				242557-65909				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/23/2024				10/23/2024				
Can Dilution Factor	1.57				1.55				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Propene	<SRL	U	1	1.57	<SRL	U	1	1.55	1.00
Dichlorodifluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Chloromethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Vinyl Chloride	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Methanol	<SRL	U	1	7.87	<SRL	U	1	7.73	5.00
1,3-Butadiene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Bromomethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Chloroethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Dichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Ethanol	<SRL	U	1	3.15	3.57		1	3.09	2.00
Vinyl Bromide	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Acetone	4.61		1	3.15	3.99		1	3.09	2.00
Trichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
2-Propanol (IPA)	<SRL	U	1	3.15	<SRL	U	1	3.09	2.00
Acrylonitrile	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,1-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.57	<SRL	U	1	1.55	1.00
Allyl Chloride	<SRL	U	1	1.57	<SRL	U	1	1.55	1.00
Carbon Disulfide	<SRL	U	1	3.15	<SRL	U	1	3.09	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,1-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Vinyl Acetate	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
2-Butanone (MEK)	<SRL	U	1	1.57	<SRL	U	1	1.55	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Hexane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Chloroform	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Ethyl Acetate	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Tetrahydrofuran	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,2-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Benzene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242557
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/22/2024
DATE REPORTED : 10/24/2024
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	242557-65908				242557-65909				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/23/2024				10/23/2024				
Can Dilution Factor	1.57				1.55				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Cyclohexane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,2-Dichloropropane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Bromodichloromethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,4-Dioxane	<SRL	U	1	1.57	<SRL	U	1	1.55	1.00
Trichloroethene (TCE)	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Heptane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Toluene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
2-Hexanone (MBK)	<SRL	U	1	1.57	<SRL	U	1	1.55	1.00
Dibromochloromethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,2-Dibromoethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Chlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Ethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
m & p-Xylene	<SRL	U	1	1.57	<SRL	U	1	1.55	1.00
Bromoform	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Styrene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
o-Xylene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
4-Ethyltoluene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
Hexachlorobutadiene	<SRL	U	1	0.79	<SRL	U	1	0.77	0.50
BFB-Surrogate Std. % Recovery		93%				98%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242557
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/22/2024
DATE REPORTED : 10/24/2024
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	242557-65910				242557-65911				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/23/2024				10/23/2024				
Can Dilution Factor	1.44				1.54				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.54	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Methanol	<SRL	U	1	7.19	<SRL	U	1	7.72	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Ethanol	<SRL	U	1	2.88	<SRL	U	1	3.09	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Acetone	3.34		1	2.88	6.52		1	3.09	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
2-Propanol (IPA)	<SRL	U	1	2.88	<SRL	U	1	3.09	2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.54	1.00
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.54	1.00
Carbon Disulfide	<SRL	U	1	2.88	<SRL	U	1	3.09	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.54	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242557
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/22/2024
DATE REPORTED : 10/24/2024
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	242557-65910				242557-65911				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/23/2024				10/23/2024				
Can Dilution Factor	1.44				1.54				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,4-Dioxane	<SRL	U	1	1.44	<SRL	U	1	1.54	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
2-Hexanone (MBK)	<SRL	U	1	1.44	<SRL	U	1	1.54	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
m & p-Xylene	<SRL	U	1	1.44	<SRL	U	1	1.54	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.77	0.50
BFB-Surrogate Std. % Recovery		95%				95%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242557
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/22/2024
DATE REPORTED : 10/24/2024
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	242557-65912				242557-65913				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/23/2024				10/23/2024				
Can Dilution Factor	1.68				1.78				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Propene	<SRL	U	1	1.68	<SRL	U	1	1.78	1.00
Dichlorodifluoromethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Chloromethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Vinyl Chloride	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Methanol	<SRL	U	1	8.38	<SRL	U	1	8.91	5.00
1,3-Butadiene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Bromomethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Chloroethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Dichlorofluoromethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Ethanol	<SRL	U	1	3.35	59.1		1	3.57	2.00
Vinyl Bromide	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Acetone	3.69		1	3.35	9.20		1	3.57	2.00
Trichlorofluoromethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
2-Propanol (IPA)	<SRL	U	1	3.35	<SRL	U	1	3.57	2.00
Acrylonitrile	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,1-Dichloroethene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.68	<SRL	U	1	1.78	1.00
Allyl Chloride	<SRL	U	1	1.68	<SRL	U	1	1.78	1.00
Carbon Disulfide	<SRL	U	1	3.35	<SRL	U	1	3.57	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,1-Dichloroethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Vinyl Acetate	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
2-Butanone (MEK)	<SRL	U	1	1.68	<SRL	U	1	1.78	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Hexane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Chloroform	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Ethyl Acetate	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Tetrahydrofuran	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,2-Dichloroethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Benzene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242557
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/22/2024
DATE REPORTED : 10/24/2024
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	242557-65912				242557-65913				
Date Sampled	10/21/2024				10/21/2024				
Date Analyzed	10/23/2024				10/23/2024				
Can Dilution Factor	1.68				1.78				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Cyclohexane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,2-Dichloropropane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Bromodichloromethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,4-Dioxane	<SRL	U	1	1.68	<SRL	U	1	1.78	1.00
Trichloroethene (TCE)	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Heptane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Toluene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
2-Hexanone (MBK)	<SRL	U	1	1.68	<SRL	U	1	1.78	1.00
Dibromochloromethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,2-Dibromoethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Chlorobenzene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Ethylbenzene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
m & p-Xylene	<SRL	U	1	1.68	<SRL	U	1	1.78	1.00
Bromoform	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Styrene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
o-Xylene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
4-Ethyltoluene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
Hexachlorobutadiene	<SRL	U	1	0.84	<SRL	U	1	0.89	0.50
BFB-Surrogate Std. % Recovery		95%				98%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242557
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/22/2024
DATE REPORTED : 10/24/2024
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	242557-65914				
Date Sampled	10/21/2024				
Date Analyzed	10/23/2024				
Can Dilution Factor	1.66				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.83	0.50
Propene	<SRL	U	1	1.66	1.00
Dichlorodifluoromethane	<SRL	U	1	0.83	0.50
Chloromethane	<SRL	U	1	0.83	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.83	0.50
Vinyl Chloride	<SRL	U	1	0.83	0.50
Methanol	<SRL	U	1	8.31	5.00
1,3-Butadiene	<SRL	U	1	0.83	0.50
Bromomethane	<SRL	U	1	0.83	0.50
Chloroethane	<SRL	U	1	0.83	0.50
Dichlorofluoromethane	<SRL	U	1	0.83	0.50
Ethanol	<SRL	U	1	3.33	2.00
Vinyl Bromide	<SRL	U	1	0.83	0.50
Acetone	4.77		1	3.33	2.00
Trichlorofluoromethane	<SRL	U	1	0.83	0.50
2-Propanol (IPA)	<SRL	U	1	3.33	2.00
Acrylonitrile	<SRL	U	1	0.83	0.50
1,1-Dichloroethene	<SRL	U	1	0.83	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.66	1.00
Allyl Chloride	<SRL	U	1	1.66	1.00
Carbon Disulfide	<SRL	U	1	3.33	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.83	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.83	0.50
1,1-Dichloroethane	<SRL	U	1	0.83	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.83	0.50
Vinyl Acetate	<SRL	U	1	0.83	0.50
2-Butanone (MEK)	<SRL	U	1	1.66	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.83	0.50
Hexane	<SRL	U	1	0.83	0.50
Chloroform	<SRL	U	1	0.83	0.50
Ethyl Acetate	<SRL	U	1	0.83	0.50
Tetrahydrofuran	<SRL	U	1	0.83	0.50
1,2-Dichloroethane	<SRL	U	1	0.83	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.83	0.50
Benzene	<SRL	U	1	0.83	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242557
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/22/2024
DATE REPORTED : 10/24/2024
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	242557-65914				
Date Sampled	10/21/2024				
Date Analyzed	10/23/2024				
Can Dilution Factor	1.66				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.83	0.50
Cyclohexane	<SRL	U	1	0.83	0.50
1,2-Dichloropropane	<SRL	U	1	0.83	0.50
Bromodichloromethane	<SRL	U	1	0.83	0.50
1,4-Dioxane	<SRL	U	1	1.66	1.00
Trichloroethene (TCE)	<SRL	U	1	0.83	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.83	0.50
Heptane	<SRL	U	1	0.83	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.83	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.83	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.83	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.83	0.50
Toluene	<SRL	U	1	0.83	0.50
2-Hexanone (MBK)	<SRL	U	1	1.66	1.00
Dibromochloromethane	<SRL	U	1	0.83	0.50
1,2-Dibromoethane	<SRL	U	1	0.83	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.83	0.50
Chlorobenzene	<SRL	U	1	0.83	0.50
Ethylbenzene	<SRL	U	1	0.83	0.50
m & p-Xylene	<SRL	U	1	1.66	1.00
Bromoform	<SRL	U	1	0.83	0.50
Styrene	<SRL	U	1	0.83	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.83	0.50
o-Xylene	<SRL	U	1	0.83	0.50
4-Ethyltoluene	<SRL	U	1	0.83	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.83	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.83	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.83	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.83	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.83	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.83	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.83	0.50
Hexachlorobutadiene	<SRL	U	1	0.83	0.50
BFB-Surrogate Std. % Recovery		95%			70-130%

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

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

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/23/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 09/20/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.79	104
Chlorodifluoromethane	10.20	11.18	110
Propene	10.70	11.91	111
Dichlorodifluoromethane	10.40	11.02	106
Dimethyl Ether	10.10	10.57	105
Chloromethane	10.50	11.63	111
Dichlorotetrafluoroethane	10.20	10.21	100
Vinyl Chloride	10.60	11.69	110
Acetaldehyde	20.90	22.67	108
Methanol	20.40	20.39	100
1,3-Butadiene	10.70	12.26	115
Bromomethane	10.40	10.62	102
Chloroethane	10.40	10.13	97
Dichlorofluoromethane	10.10	10.48	104
Ethanol	11.40	11.44	100
Vinyl Bromide	10.10	10.53	104
Acrolein	10.90	12.51	115
Acetone	10.60	10.77	102
Trichlorofluoromethane	10.50	10.64	101
2-Propanol (IPA)	11.00	9.21	84
Acrylonitrile	11.10	11.59	104
1,1-Dichloroethene	10.50	10.25	98
Methylene Chloride (DCM)	10.40	9.82	94
TertButanol (TBA)	11.20	12.86	115
Allyl Chloride	10.20	11.27	110
Carbon Disulfide	10.50	12.48	119
Trichlorotrifluoroethane	10.30	9.70	94
trans-1,2-Dichloroethene	10.80	11.22	104
1,1-Dichloroethane	10.70	11.25	105
Methyl Tert Butyl Ether (MTBE)	10.70	11.54	108
Vinyl Acetate	11.00	13.23	120
2-Butanone (MEK)	10.70	10.63	99
cis-1,2-Dichloroethene	10.70	11.13	104
Hexane	10.80	9.74	90
Chloroform	10.70	11.41	107
Ethyl Acetate	10.70	12.25	114
Tetrahydrofuran	10.40	9.86	95
1,2-Dichloroethane	10.60	11.12	105
1,1,1-Trichloroethane	10.50	11.35	108
Benzene	10.70	10.76	101
Carbon Tetrachloride	10.30	11.76	114
Cyclohexane	10.50	10.17	97

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	11.46	107
Bromodichloromethane	10.50	12.28	117
1,4-Dioxane	10.50	10.41	99
Trichloroethene (TCE)	10.50	10.41	99
2,2,4-Trimethylpentane	10.10	10.52	104
Methyl Methacrylate	11.00	11.30	103
Heptane	10.50	10.23	97
cis-1,3-Dichloropropene	10.50	11.63	111
4-Methyl-2-pentanone (MiBK)	10.50	11.11	106
trans-1,3-Dichloropropene	10.60	11.38	107
1,1,2-Trichloroethane	10.60	9.62	91
Toluene	10.80	10.32	96
2-Hexanone (MBK)	10.50	11.62	111
Dibromochloromethane	10.60	12.34	116
1,2-Dibromoethane	10.60	11.06	104
Tetrachloroethene (PCE)	10.50	10.16	97
Chlorobenzene	10.80	10.18	94
Ethylbenzene	10.60	10.17	96
m & p-Xylene	21.20	19.88	94
Bromoform	10.60	11.83	112
Styrene	10.60	10.37	98
1,1,2,2-Tetrachloroethane	10.60	10.47	99
o-Xylene	10.60	10.31	97
1,2,3-Trichloropropane	11.00	11.08	101
Isopropylbenzene (Cumene)	10.40	9.95	96
α-Pinene	10.80	9.95	92
2-Chlorotoluene	10.30	10.05	98
n-Propylbenzene	10.10	9.72	96
4-Ethyltoluene	10.40	9.63	93
1,3,5-Trimethylbenzene	10.30	9.79	95
β-Pinene	10.90	7.76	71
1,2,4-Trimethylbenzene	10.30	9.88	96
Benzyl Chloride (a-Chlorotoluene)	10.30	10.47	102
1,3-Dichlorobenzene	10.30	8.60	83
1,4-Dichlorobenzene	10.20	10.01	98
Sec-ButylBenzene	10.00	9.78	98
1,2-Dichlorobenzene	10.40	9.80	94
n-ButylBenzene	10.20	9.50	93
1,2-Dibromo-3-Chloropropane	10.10	10.85	107
1,2,4-Trichlorobenzene	10.50	10.32	98
Naphthalene	10.90	10.61	97
Hexachlorobutadiene	10.80	10.50	97

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

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

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

* - β-Pinene results are estimated.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 10/23/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-091224-01
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	9.79	9.44	104	100	3.6
1,1-Dichloroethene	0.0	10.50	10.25	10.06	98	96	1.9
Methylene Chloride (DCM)	0.0	10.40	9.82	9.51	94	91	3.2
Benzene	0.0	10.70	10.76	10.97	101	103	1.9
Trichloroethene (TCE)	0.0	10.50	10.41	10.59	99	101	1.7
Toluene	0.0	10.80	10.32	10.73	96	99	3.9
Tetrachloroethene (PCE)	0.0	10.50	10.16	10.72	97	102	5.4
Chlorobenzene	0.0	10.80	10.18	10.28	94	95	1.0
Ethylbenzene	0.0	10.60	10.17	10.19	96	96	0.2
m & p-Xylene	0.0	21.20	19.88	20.15	94	95	1.3
o-Xylene	0.0	10.60	10.31	10.37	97	98	0.6

[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 : 10/23/2024 | **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 102324*	*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 102324*	*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 : 10/23/2024
MATRIX : Air
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242570-65600

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	9.42	9.84	4.4
Chlorodifluoromethane	<SRL	<SRL	*NA*
Propene	<SRL	<SRL	*NA*
Dichlorodifluoromethane	<SRL	<SRL	*NA*
Dimethyl Ether	<SRL	<SRL	*NA*
Chloromethane	0.58	0.58	0.0
Dichlorotetrafluoroethane	<SRL	<SRL	*NA*
Vinyl Chloride	<SRL	<SRL	*NA*
Acetaldehyde	6.98	7.11	1.8
Methanol	16.0	16.3	2.2
1,3-Butadiene	<SRL	<SRL	*NA*
Bromomethane	<SRL	<SRL	*NA*
Chloroethane	<SRL	<SRL	*NA*
Dichlorofluoromethane	<SRL	<SRL	*NA*
Ethanol	14.1	13.8	2.7
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	8.40	8.59	2.2
Trichlorofluoromethane	<SRL	<SRL	*NA*
2-Propanol (IPA)	4.46	4.52	1.3
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)

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CHAIN OF CUSTODY RECORD 242557

Client/Project Name	Project Location
SCS ENGINEERS / CLIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print) / **(Signature)**	**No. Of Containers**
ED. GUZMAN /	7

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	30-7.9 Summa	TO-15 Full List	(END) Pressure	Remarks (Canister / Controller)
MS-07	10-21/22-24	0728 - 0728	65908	6L Summa Canister	X	X	-7 HG	001960 / 17588
MS-12	10-21/22-24	0740 - 0743	65909	6L Summa Canister	X	X	-5 HG	001810 / 17589
MS-08	10-21/22-24	0751 - 0755	65910	6L Summa Canister	X	X	-3 HG	002158 / 19506
MS-09	10-21/22-24	0803 - 0806	65911	6L Summa Canister	X	X	-6 HG	002048 / FC76
MS-10	10-21/22-24	0815 - 0817	65912	6L Summa Canister	X	X	-9 HG	002096 / 19510
MS-06	10-21/22-24	0837 - 0837	65913	6L Summa Canister	X	X	-11 HG	001994 / 19512
MS-11	10-21/22-24	0900 - 0900	65914	6L Summa Canister	X	X	-4 HG	001835 / 17587

Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
/	10/22/24	1011			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
			HG	10/22/24	1011
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

O/O - 7x cans + 7x coated Entechs

CHAIN OF CUSTODY RECORD 242557

Client/Project Name	Project Location
SCS ENGINEERS/ CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print) ED GUZMAN	**(Signature)** Ed
	No. Of Containers 7

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.9/SULFUR					Remarks
MS-07	10-21/22-24	0728 - 0728	65915	10 LITER BAG	X					
MS-12	10-21/22-24	0740 - 0743	65916	10 LITER BAG	X					
MS-08	10-21/22-24	0751 - 0755	65917	10 LITER BAG	X					
MS-09	10-21/22-24	0803 - 0806	65918	10 LITER BAG	X					
MS-10	10-21/22-24	0815 - 0817	65919	10 LITER BAG	X					
MS-06	10-21/22-24	0837 - 0837	65920	10 LITER BAG	X					
MS-11	10-21/22-24	0900 - 0900	65921	10 LITER BAG	X					

Relinquished by: (Signature) Ed	**Date** 10/22/24	**Time** 1011	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)** H	**Date** 10/22/24	**Time** 1011
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC VENTURA

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 242557
REPORT DATE : 10/25/2024

On October 22nd 2024, Atmospheric Analysis & Consulting, Inc. received seven (7) Tedlar Bags and seven (7) Six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)	Client ID	Lab No.
MS-07	242557-65908	664.8	MS-07	242557-65915
MS-12	242557-65909	662.5	MS-12	242557-65916
MS-08	242557-65910	729.2	MS-08	242557-65917
MS-09	242557-65911	664.8	MS-09	242557-65918
MS-10	242557-65912	612.1	MS-10	242557-65919
MS-06	242557-65913	574.2	MS-06	242557-65920
MS-11	242557-65914	622.4	MS-11	242557-65921

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

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

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 10 pages.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242557
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/21-22/2024
RECEIVING DATE : 10/22/2024
ANALYSIS DATE : 10/24/2024
REPORT DATE : 10/25/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242557-65908	242557-65909	242557-65910	242557-65911
Canister Dil. Fac.	1.57	1.55	1.44	1.54
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.008	< 0.007	< 0.008
COS / SO2	< 0.008	< 0.008	< 0.007	< 0.008
Methyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Ethyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Dimethyl Sulfide	< 0.008	< 0.008	< 0.007	< 0.008
Carbon Disulfide	< 0.008	< 0.008	< 0.007	< 0.008
Isopropyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
tert-Butyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
n-Propyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Methylethylsulfide	< 0.008	< 0.008	< 0.007	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.008	< 0.007	< 0.008
iso-Butyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Diethyl Sulfide	< 0.008	< 0.008	< 0.007	< 0.008
n-Butyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Dimethyl Disulfide	< 0.008	< 0.008	< 0.007	< 0.008
2-Methylthiophene	< 0.008	< 0.008	< 0.007	< 0.008
3-Methylthiophene	< 0.008	< 0.008	< 0.007	< 0.008
Tetrahydrothiophene	< 0.008	< 0.008	< 0.007	< 0.008
Bromothiophene	< 0.008	< 0.008	< 0.007	< 0.008
Thiophenol	< 0.008	< 0.008	< 0.007	< 0.008
Diethyl Disulfide	< 0.008	< 0.008	< 0.007	< 0.008
Total Unidentified Sulfur	< 0.008	< 0.008	< 0.007	< 0.008
Total Reduced Sulfurs	< 0.008	< 0.008	< 0.007	< 0.008

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

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242557
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/21-22/2024
RECEIVING DATE : 10/22/2024
ANALYSIS DATE : 10/24/2024
REPORT DATE : 10/25/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242557-65912	242557-65913	242557-65914
Canister Dil. Fac.	1.68	1.78	1.66
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.009	< 0.008
COS / SO2	< 0.008	< 0.009	< 0.008
Methyl Mercaptan	< 0.008	< 0.009	< 0.008
Ethyl Mercaptan	< 0.008	< 0.009	< 0.008
Dimethyl Sulfide	< 0.008	< 0.009	< 0.008
Carbon Disulfide	< 0.008	< 0.009	< 0.008
Isopropyl Mercaptan	< 0.008	< 0.009	< 0.008
tert-Butyl Mercaptan	< 0.008	< 0.009	< 0.008
n-Propyl Mercaptan	< 0.008	< 0.009	< 0.008
Methylethylsulfide	< 0.008	< 0.009	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.009	< 0.008
iso-Butyl Mercaptan	< 0.008	< 0.009	< 0.008
Diethyl Sulfide	< 0.008	< 0.009	< 0.008
n-Butyl Mercaptan	< 0.008	< 0.009	< 0.008
Dimethyl Disulfide	< 0.008	< 0.009	< 0.008
2-Methylthiophene	< 0.008	< 0.009	< 0.008
3-Methylthiophene	< 0.008	< 0.009	< 0.008
Tetrahydrothiophene	< 0.008	< 0.009	< 0.008
Bromothiophene	< 0.008	< 0.009	< 0.008
Thiophenol	< 0.008	< 0.009	< 0.008
Diethyl Disulfide	< 0.008	< 0.009	< 0.008
Total Unidentified Sulfur	< 0.008	< 0.009	< 0.008
Total Reduced Sulfurs	< 0.008	< 0.009	< 0.008

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

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242557
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/21-22/2024
RECEIVING DATE : 10/22/2024
ANALYSIS DATE : 10/22/2024
REPORT DATE : 10/25/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242557-65915	242557-65916	242557-65917	242557-65918
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. : 242557
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/21-22/2024
RECEIVING DATE : 10/22/2024
ANALYSIS DATE : 10/22/2024
REPORT DATE : 10/25/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242557-65919	242557-65920	242557-65921
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: 10/22/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7441	0.523	102.3	2.3
Duplicate	7003	0.492	96.3	3.8
Triplicate	7385	0.519	101.6	1.5

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6246	0.521	103.8	3.0
Duplicate	5804	0.484	96.4	4.3
Triplicate	6145	0.513	102.1	1.3

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8817	0.515	103.5	0.9
Duplicate	8518	0.497	100.0	2.5
Triplicate	8875	0.518	104.2	1.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.261	0.264	102.2	103.3	1.1
MeSH	<PQL	0.251	0.251	0.260	100.0	103.6	3.5
DMS	<PQL	0.249	0.267	0.264	107.4	106.2	1.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.520	101.8
MeSH	0.502	0.537	107.0
DMS	0.497	0.535	107.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/24/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6944	0.488	95.5	0.7
Duplicate	7040	0.495	96.8	0.7
Triplicate	6986	0.491	96.1	0.1

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5862	0.489	97.4	0.1
Duplicate	5852	0.488	97.2	0.2
Triplicate	5883	0.491	97.7	0.3

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8531	0.498	100.2	1.0
Duplicate	8445	0.493	99.2	0.0
Triplicate	8352	0.487	98.1	1.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.272	0.259	106.5	101.4	4.9
MeSH	<PQL	0.251	0.235	0.235	93.6	93.6	0.0
DMS	<PQL	0.249	0.248	0.248	99.8	99.8	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.511	100.0
MeSH	0.502	0.501	99.8
DMS	0.497	0.506	101.8

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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CHAIN OF CUSTODY RECORD 24257

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
ED. GUZMAN	Ed	7

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	30-915 SUMMA	TO-15 FULL LIST	IEM PRESSURE	Remarks Canister/controller
MS-07	10-21/22-24	0728 - 0728	65908	6L SUMMA CANISTER	X	X		-7 HG 001960 / 17589
MS-12	10-21/22-24	0740 - 0743	65909	6L SUMMA CANISTER	X	X		-5 HG 001810 / 17589
MS-08	10-21/22-24	0751 - 0755	65910	6L SUMMA CANISTER	X	X		-3 HG 002158 / 19506
MS-09	10-21/22-24	0803 - 0806	65911	6L SUMMA CANISTER	X	X		-6 HG 002048 / FC716
MS-10	10-21/22-24	0815 - 0817	65912	6L SUMMA CANISTER	X	X		-9 HG 002096 / 19510
MS-06	10-21/22-24	0837 - 0837	65913	6L SUMMA CANISTER	X	X		-11 HG 001994 / 19512
MS-11	10-21/22-24	0900 - 0900	65914	6L SUMMA CANISTER	X	X		-4 HG 001835 / 17587

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ed	10/22/24	1011			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
			HG	10/23/24	1011
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

O/O - 7x cans + 7x coated Entechs

CHAIN OF CUSTODY RECORD 242557

Client/Project Name	Project Location	ANALYSES
SCS ENGINEERS / CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	VALENCIA, CA.	
Project No.	**Field Logbook No.**	
Sampler: (Print) ED Guzman	**(Signature)** Ed	**No. Of Containers** 7

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.9/SULFUR					Remarks
MS-07	10-21/22-24	0728 - 0728	65915	10 LITER BAG	X					
MS-12	10-21/22-24	0740 - 0743	65916	10 LITER BAG	X					
MS-08	10-21/22-24	0751 - 0755	65917	10 LITER BAG	X					
MS-09	10-21/22-24	0803 - 0806	65918	10 LITER BAG	X					
MS-10	10-21/22-24	0815 - 0817	65919	10 LITER BAG	X					
MS-06	10-21/22-24	0837 - 0837	65920	10 LITER BAG	X					
MS-11	10-21/22-24	0900 - 0900	65921	10 LITER BAG	X					

Relinquished by: (Signature) Ed	**Date** 10/22/24	**Time** 1011	**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** 10/22/24	**Time** 1011
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC VENTURA

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 242626
REPORT DATE : 11/04/2024

On October 29, 2024, 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	242626-66360	683.8
MS-12	242626-66361	691.5
MS-08	242626-66362	723.0
MS-09	242626-66363	722.0
MS-10	242626-66364	658.9
MS-06	242626-66365	512.0
MS-11	242626-66366	621.3

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

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

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 15 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242626
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/29/2024
DATE REPORTED : 11/04/2024
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	242626-66360				242626-66361				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	11/01/2024				11/01/2024				
Can Dilution Factor	1.49				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.49	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.46	<SRL	U	1	7.39	5.00
Methanol	<SRL	U	1	7.46	<SRL	U	1	7.39	5.00
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Ethanol	4.37		1	2.98	4.22		1	2.95	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.49	<SRL	U	1	1.48	1.00
Acetone	4.89		1	2.98	3.75		1	2.95	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.98	<SRL	U	1	2.95	2.00
Acrylonitrile	<SRL	U	1	1.49	<SRL	U	1	1.48	1.00
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.49	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.49	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.98	<SRL	U	1	2.95	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.49	<SRL	U	1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242626
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/29/2024
DATE REPORTED : 11/04/2024
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	242626-66360				242626-66361				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	11/01/2024				11/01/2024				
Can Dilution Factor	1.49				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.49	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.49	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.49	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		95%				94%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242626
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/29/2024
DATE REPORTED : 11/04/2024
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	242626-66362				242626-66363				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	11/01/2024				11/01/2024				
Can Dilution Factor	1.42				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.41	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.10	<SRL	U	1	7.07	5.00
Methanol	<SRL	U	1	7.10	<SRL	U	1	7.07	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.84	3.17		1	2.83	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.42	<SRL	U	1	1.41	1.00
Acetone	3.53		1	2.84	5.50		1	2.83	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.84	<SRL	U	1	2.83	2.00
Acrylonitrile	<SRL	U	1	1.42	<SRL	U	1	1.41	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.41	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.41	1.00
Carbon Disulfide	<SRL	U	1	2.84	<SRL	U	1	2.83	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.41	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242626
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/29/2024
DATE REPORTED : 11/04/2024
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	242626-66362				242626-66363				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	11/01/2024				11/01/2024				
Can Dilution Factor	1.42				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.41	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.41	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.41	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	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%				96%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242626
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/29/2024
DATE REPORTED : 11/04/2024
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	242626-66364				242626-66365				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	11/01/2024				11/01/2024				
Can Dilution Factor	1.55				2.01				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Propene	<SRL	U	1	1.55	<SRL	U	1	2.01	1.00
Dichlorodifluoromethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Dimethyl Ether	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Chloromethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Vinyl Chloride	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Acetaldehyde	<SRL	U	1	7.74	<SRL	U	1	10.0	5.00
Methanol	<SRL	U	1	7.74	<SRL	U	1	10.0	5.00
1,3-Butadiene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Bromomethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Chloroethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Dichlorofluoromethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Ethanol	3.25		1	3.10	<SRL	U	1	4.01	2.00
Vinyl Bromide	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Acrolein	<SRL	U	1	1.55	<SRL	U	1	2.01	1.00
Acetone	8.20		1	3.10	5.03		1	4.01	2.00
Trichlorofluoromethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
2-Propanol (IPA)	<SRL	U	1	3.10	<SRL	U	1	4.01	2.00
Acrylonitrile	<SRL	U	1	1.55	<SRL	U	1	2.01	1.00
1,1-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.55	<SRL	U	1	2.01	1.00
TertButanol (TBA)	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Allyl Chloride	<SRL	U	1	1.55	<SRL	U	1	2.01	1.00
Carbon Disulfide	<SRL	U	1	3.10	<SRL	U	1	4.01	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,1-Dichloroethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Vinyl Acetate	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
2-Butanone (MEK)	<SRL	U	1	1.55	<SRL	U	1	2.01	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Hexane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Chloroform	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Ethyl Acetate	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Tetrahydrofuran	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,2-Dichloroethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Benzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242626
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/29/2024
DATE REPORTED : 11/04/2024
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	242626-66364				242626-66365				
Date Sampled	10/28/2024				10/28/2024				
Date Analyzed	11/01/2024				11/01/2024				
Can Dilution Factor	1.55				2.01				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Cyclohexane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,2-Dichloropropane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Bromodichloromethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,4-Dioxane	<SRL	U	1	1.55	<SRL	U	1	2.01	1.00
Trichloroethene (TCE)	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Methyl Methacrylate	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Heptane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Toluene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
2-Hexanone (MBK)	<SRL	U	1	1.55	<SRL	U	1	2.01	1.00
Dibromochloromethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,2-Dibromoethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Chlorobenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Ethylbenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
m & p-Xylene	<SRL	U	1	1.55	<SRL	U	1	2.01	1.00
Bromoform	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Styrene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
o-Xylene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
α-Pinene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
2-Chlorotoluene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
n-Propylbenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
4-Ethyltoluene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
β-Pinene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Sec-ButylBenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
n-ButylBenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Naphthalene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
Hexachlorobutadiene	<SRL	U	1	0.77	<SRL	U	1	1.00	0.50
BFB-Surrogate Std. % Recovery		93%				95%			70-130%

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242626
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/29/2024
DATE REPORTED : 11/04/2024
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	242626-66366				
Date Sampled	10/28/2024				
Date Analyzed	11/01/2024				
Can Dilution Factor	1.65				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.82	0.50
Propene	<SRL	U	1	1.65	1.00
Dichlorodifluoromethane	<SRL	U	1	0.82	0.50
Dimethyl Ether	<SRL	U	1	0.82	0.50
Chloromethane	<SRL	U	1	0.82	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.82	0.50
Vinyl Chloride	<SRL	U	1	0.82	0.50
Acetaldehyde	<SRL	U	1	8.24	5.00
Methanol	<SRL	U	1	8.24	5.00
1,3-Butadiene	<SRL	U	1	0.82	0.50
Bromomethane	<SRL	U	1	0.82	0.50
Chloroethane	<SRL	U	1	0.82	0.50
Dichlorofluoromethane	<SRL	U	1	0.82	0.50
Ethanol	<SRL	U	1	3.30	2.00
Vinyl Bromide	<SRL	U	1	0.82	0.50
Acrolein	<SRL	U	1	1.65	1.00
Acetone	4.10		1	3.30	2.00
Trichlorofluoromethane	<SRL	U	1	0.82	0.50
2-Propanol (IPA)	<SRL	U	1	3.30	2.00
Acrylonitrile	<SRL	U	1	1.65	1.00
1,1-Dichloroethene	<SRL	U	1	0.82	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.65	1.00
TertButanol (TBA)	<SRL	U	1	0.82	0.50
Allyl Chloride	<SRL	U	1	1.65	1.00
Carbon Disulfide	<SRL	U	1	3.30	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.82	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.82	0.50
1,1-Dichloroethane	<SRL	U	1	0.82	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.82	0.50
Vinyl Acetate	<SRL	U	1	0.82	0.50
2-Butanone (MEK)	<SRL	U	1	1.65	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.82	0.50
Hexane	<SRL	U	1	0.82	0.50
Chloroform	<SRL	U	1	0.82	0.50
Ethyl Acetate	<SRL	U	1	0.82	0.50
Tetrahydrofuran	<SRL	U	1	0.82	0.50
1,2-Dichloroethane	<SRL	U	1	0.82	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.82	0.50
Benzene	<SRL	U	1	0.82	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242626
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 10/29/2024
DATE REPORTED : 11/04/2024
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	242626-66366				
Date Sampled	10/28/2024				
Date Analyzed	11/01/2024				
Can Dilution Factor	1.65				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.82	0.50
Cyclohexane	<SRL	U	1	0.82	0.50
1,2-Dichloropropane	<SRL	U	1	0.82	0.50
Bromodichloromethane	<SRL	U	1	0.82	0.50
1,4-Dioxane	<SRL	U	1	1.65	1.00
Trichloroethene (TCE)	<SRL	U	1	0.82	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.82	0.50
Methyl Methacrylate	<SRL	U	1	0.82	0.50
Heptane	<SRL	U	1	0.82	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.82	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.82	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.82	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.82	0.50
Toluene	<SRL	U	1	0.82	0.50
2-Hexanone (MBK)	<SRL	U	1	1.65	1.00
Dibromochloromethane	<SRL	U	1	0.82	0.50
1,2-Dibromoethane	<SRL	U	1	0.82	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.82	0.50
Chlorobenzene	<SRL	U	1	0.82	0.50
Ethylbenzene	<SRL	U	1	0.82	0.50
m & p-Xylene	<SRL	U	1	1.65	1.00
Bromoform	<SRL	U	1	0.82	0.50
Styrene	<SRL	U	1	0.82	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.82	0.50
o-Xylene	<SRL	U	1	0.82	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.82	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.82	0.50
α-Pinene	<SRL	U	1	0.82	0.50
2-Chlorotoluene	<SRL	U	1	0.82	0.50
n-Propylbenzene	<SRL	U	1	0.82	0.50
4-Ethyltoluene	<SRL	U	1	0.82	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.82	0.50
β-Pinene	<SRL	U	1	0.82	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.82	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.82	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.82	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.82	0.50
Sec-ButylBenzene	<SRL	U	1	0.82	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.82	0.50
n-ButylBenzene	<SRL	U	1	0.82	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.82	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.82	0.50
Naphthalene	<SRL	U	1	0.82	0.50
Hexachlorobutadiene	<SRL	U	1	0.82	0.50
BFB-Surrogate Std. % Recovery		94%			70-130%

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/01/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.45	101
Chlorodifluoromethane	10.20	10.35	101
Propene	10.70	10.89	102
Dichlorodifluoromethane	10.40	10.86	104
Dimethyl Ether	10.10	10.52	104
Chloromethane	10.50	10.62	101
Dichlorotetrafluoroethane	10.20	10.14	99
Vinyl Chloride	10.60	11.24	106
Acetaldehyde	20.90	23.37	112
Methanol	20.40	18.47	91
1,3-Butadiene	10.70	11.46	107
Bromomethane	10.40	10.54	101
Chloroethane	10.40	10.55	101
Dichlorofluoromethane	10.10	10.34	102
Ethanol	11.40	10.09	89
Vinyl Bromide	10.10	9.89	98
Acrolein	10.90	12.25	112
Acetone	10.60	10.70	101
Trichlorofluoromethane	10.50	10.70	102
2-Propanol (IPA)	11.00	10.22	93
Acrylonitrile	11.10	12.17	110
1,1-Dichloroethene	10.50	10.59	101
Methylene Chloride (DCM)	10.40	10.34	99
TertButanol (TBA)	11.20	11.65	104
Allyl Chloride	10.20	11.30	111
Carbon Disulfide	10.50	11.18	106
Trichlorotrifluoroethane	10.30	10.00	97
trans-1,2-Dichloroethene	10.80	11.58	107
1,1-Dichloroethane	10.70	11.07	103
Methyl Tert Butyl Ether (MTBE)	10.70	11.04	103
Vinyl Acetate	11.00	13.84	126
2-Butanone (MEK)	10.70	12.02	112
cis-1,2-Dichloroethene	10.70	11.30	106
Hexane	10.80	10.60	98
Chloroform	10.70	11.20	105
Ethyl Acetate	10.70	11.85	111
Tetrahydrofuran	10.40	10.46	101
1,2-Dichloroethane	10.60	11.44	108
1,1,1-Trichloroethane	10.50	10.79	103
Benzene	10.70	10.82	101
Carbon Tetrachloride	10.30	10.72	104
Cyclohexane	10.50	10.41	99

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	11.14	104
Bromodichloromethane	10.50	11.25	107
1,4-Dioxane	10.50	10.42	99
Trichloroethene (TCE)	10.50	10.37	99
2,2,4-Trimethylpentane	10.10	10.47	104
Methyl Methacrylate	11.00	11.78	107
Heptane	10.50	10.68	102
cis-1,3-Dichloropropene	10.50	11.15	106
4-Methyl-2-pentanone (MiBK)	10.50	10.60	101
trans-1,3-Dichloropropene	10.60	11.18	105
1,1,2-Trichloroethane	10.60	10.36	98
Toluene	10.80	10.64	99
2-Hexanone (MBK)	10.50	10.85	103
Dibromochloromethane	10.60	10.64	100
1,2-Dibromoethane	10.60	10.92	103
Tetrachloroethene (PCE)	10.50	10.15	97
Chlorobenzene	10.80	10.56	98
Ethylbenzene	10.60	10.53	99
m & p-Xylene	21.20	20.47	97
Bromoform	10.60	10.86	102
Styrene	10.60	10.78	102
1,1,2,2-Tetrachloroethane	10.60	10.71	101
o-Xylene	10.60	10.54	99
1,2,3-Trichloropropane	11.00	11.09	101
Isopropylbenzene (Cumene)	10.40	10.36	100
α-Pinene	10.80	10.18	94
2-Chlorotoluene	10.30	10.31	100
n-Propylbenzene	10.10	9.88	98
4-Ethyltoluene	10.40	9.91	95
1,3,5-Trimethylbenzene	10.30	9.90	96
β-Pinene	10.90	8.59	79
1,2,4-Trimethylbenzene	10.30	9.89	96
Benzyl Chloride (a-Chlorotoluene)	10.30	10.01	97
1,3-Dichlorobenzene	10.30	10.91	106
1,4-Dichlorobenzene	10.20	9.52	93
Sec-ButylBenzene	10.00	9.99	100
1,2-Dichlorobenzene	10.40	10.12	97
n-ButylBenzene	10.20	9.60	94
1,2-Dibromo-3-Chloropropane	10.10	10.09	100
1,2,4-Trichlorobenzene	10.50	10.12	96
Naphthalene	10.90	10.90	100
Hexachlorobutadiene	10.80	10.14	94

[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 : 11/01/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	9.45	9.29	101	99	1.7
1,1-Dichloroethene	0.0	10.50	10.59	10.66	101	102	0.7
Methylene Chloride (DCM)	0.0	10.40	10.34	10.41	99	100	0.7
Benzene	0.0	10.70	10.82	11.16	101	104	3.1
Trichloroethene (TCE)	0.0	10.50	10.37	10.51	99	100	1.3
Toluene	0.0	10.80	10.64	10.96	99	101	3.0
Tetrachloroethene (PCE)	0.0	10.50	10.15	10.61	97	101	4.4
Chlorobenzene	0.0	10.80	10.56	10.70	98	99	1.3
Ethylbenzene	0.0	10.60	10.53	10.68	99	101	1.4
m & p-Xylene	0.0	21.20	20.47	20.45	97	96	0.1
o-Xylene	0.0	10.60	10.54	10.52	99	99	0.2

[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 : 11/01/2024 | **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 110124*	*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	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 110124*	*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 : 11/01/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.65

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242626-66366

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	8.80	8.60	2.3
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	2.85	2.75	3.5
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	4.10	3.95	3.7
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%).

SRL - Sample Reporting Limit (minimum)

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

CHAIN OF CUSTODY RECORD 242626

Client/Project Name SCS ENGINEERS/ CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	**Project Location** VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print) ED. GUZMAN	**(Signature)**
No. Of Containers 7	

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.91 SULFUR	TO-15 FULL LIST	(FW) PRESSURE	Remarks canister/controller
MS-07	10-28/29-24	0709 - 0709	66360	6L SUMMA CANISTER	X	X	-10 HG	002019/000884
MS-12	10-28/29-24	0724 - 0724	66361	6L SUMMA CANISTER	X	X	-1 HG	001930/19508
MS-08	10-28/29-24	0732 - 0735	66362	6L SUMMA CANISTER	X	X	-6 HG	001934/000708
MS-09	10-28/29-24	0742 - 0749	66363	6L SUMMA CANISTER	X	X	-3 HG	002109/02323
MS-10	10-28/29-24	0752 - 0805	66364	6L SUMMA CANISTER	X	X	-4 HG	002114/17590
MS-06	10-28/29-24	0806 - 0824	66365	6L SUMMA CANISTER	X	X	-10 HG	001943/000988
MS-11	10-28/29-24	0831 - 0901	66366	6L SUMMA CANISTER	X	X	-6 HG	002067/19596

	Date	Time		Date	Time
Relinquished by: (Signature)	10/29/24	1013	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	10/29/24	1018
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

D10 - 7+ CANS + 7+ CANISTER BATCHES

CHAIN OF CUSTODY RECORD 242626

Client/Project Name	Project Location	ANALYSES
SCS ENGINEERS / CH. QUITA CANYON LANDFILL AIR/ODOR SAMPLING	VALENCIA, CA.	
Project No.	**Field Logbook No.**	
Sampler: (Print) E. GUZMAN	**(Signature)** E.	**No. Of Containers** 7

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307-91 SULFUR					Remarks
MS-07	10-28/29-24	0709-0709	66367	10 LITER BAG	X					
MS-12	10-28/29-24	0724-0724	66368	10 LITER BAG	X					
MS-08	10-28/29-24	0732-0735	66369	10 LITER BAG	X					
MS-09	10-28/29-24	0742-0749	66370	10 LITER BAG	X					
MS-10	10-28/29-24	0752-0805	66371	10 LITER BAG	X					
MS-06	10-28/29-24	0816-0824	66372	10 LITER BAG	X					
MS-11	10-28/29-24	0831-0901	66373	10 LITER BAG	X					

Relinquished by: (Signature)	**Date** 10/29/24	**Time** 1013	**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** 10/29/24	**Time** 1018
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

AACVENTURA

Atmospheric Analysis & Consulting, Inc

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 242626
REPORT DATE : 10/31/2024

On October 29th 2024, 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	242626-66360	683.8	MS-07	242626-66367
MS-12	242626-66361	691.5	MS-12	242626-66368
MS-08	242626-66362	723.0	MS-08	242626-66369
MS-09	242626-66363	722.0	MS-09	242626-66370
MS-10	242626-66364	658.9	MS-10	242626-66371
MS-06	242626-66365	512.0	MS-06	242626-66372
MS-11	242626-66366	621.3	MS-11	242626-66373

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. : 242626
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/28-29/2024
RECEIVING DATE : 10/29/2024
ANALYSIS DATE : 10/30/2024
REPORT DATE : 10/31/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08
AAC ID	242626-66360	242626-66361	242626-66362
Canister Dil. Fac.	1.49	1.48	1.42
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. : 242626
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/28-29/2024
RECEIVING DATE : 10/29/2024
ANALYSIS DATE : 10/30/2024
REPORT DATE : 10/31/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-09	MS-10	MS-06	MS-11
AAC ID	242626-66363	242626-66364	242626-66365	242626-66366
Canister Dil. Fac.	1.41	1.55	2.01	1.65
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.007	< 0.008	< 0.010	< 0.008
COS / SO2	< 0.007	< 0.008	< 0.010	< 0.008
Methyl Mercaptan	< 0.007	< 0.008	< 0.010	< 0.008
Ethyl Mercaptan	< 0.007	< 0.008	< 0.010	< 0.008
Dimethyl Sulfide	< 0.007	< 0.008	< 0.010	< 0.008
Carbon Disulfide	< 0.007	< 0.008	< 0.010	< 0.008
Isopropyl Mercaptan	< 0.007	< 0.008	< 0.010	< 0.008
tert-Butyl Mercaptan	< 0.007	< 0.008	< 0.010	< 0.008
n-Propyl Mercaptan	< 0.007	< 0.008	< 0.010	< 0.008
Methylethylsulfide	< 0.007	< 0.008	< 0.010	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.007	< 0.008	< 0.010	< 0.008
iso-Butyl Mercaptan	< 0.007	< 0.008	< 0.010	< 0.008
Diethyl Sulfide	< 0.007	< 0.008	< 0.010	< 0.008
n-Butyl Mercaptan	< 0.007	< 0.008	< 0.010	< 0.008
Dimethyl Disulfide	< 0.007	< 0.008	< 0.010	< 0.008
2-Methylthiophene	< 0.007	< 0.008	< 0.010	< 0.008
3-Methylthiophene	< 0.007	< 0.008	< 0.010	< 0.008
Tetrahydrothiophene	< 0.007	< 0.008	< 0.010	< 0.008
Bromothiophene	< 0.007	< 0.008	< 0.010	< 0.008
Thiophenol	< 0.007	< 0.008	< 0.010	< 0.008
Diethyl Disulfide	< 0.007	< 0.008	< 0.010	< 0.008
Total Unidentified Sulfur	< 0.007	< 0.008	< 0.010	< 0.008
Total Reduced Sulfurs	< 0.007	< 0.008	< 0.010	< 0.008

All unidentified compound's concentrations expressed in terms of H_2S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242626
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/28-29/2024
RECEIVING DATE : 10/29/2024
ANALYSIS DATE : 10/29/2024
REPORT DATE : 10/31/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08
AAC ID	242626-66367	242626-66368	242626-66369
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005

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

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

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242626
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 10/28-29/2024
RECEIVING DATE : 10/29/2024
ANALYSIS DATE : 10/29/2024
REPORT DATE : 10/31/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-09	MS-10	MS-06	MS-11
AAC ID	242626-66370	242626-66371	242626-66372	242626-66373
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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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/30/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6988	0.491	96.1	0.3
Duplicate	6985	0.491	96.1	0.2
Triplicate	6930	0.487	95.3	0.5

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6005	0.501	99.8	0.1
Duplicate	6034	0.503	100.3	0.4
Triplicate	5987	0.499	99.5	0.4

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8337	0.487	97.9	1.8
Duplicate	8690	0.507	102.1	2.4
Triplicate	8436	0.492	99.1	0.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.265	0.262	103.7	102.5	1.1
MeSH	<PQL	0.251	0.259	0.258	103.2	102.8	0.4
DMS	<PQL	0.249	0.266	0.261	107.0	105.0	1.9

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.466	91.2
MeSH	0.502	0.510	101.6
DMS	0.497	0.487	98.0

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 10/29/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7101	0.499	97.7	0.7
Duplicate	6979	0.490	96.0	1.1
Triplicate	7085	0.498	97.4	0.4

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6164	0.514	102.4	2.1
Duplicate	6023	0.502	100.1	0.2
Triplicate	5926	0.494	98.5	1.8

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8688	0.507	102.0	1.5
Duplicate	8873	0.518	104.2	0.6
Triplicate	8890	0.519	104.4	0.8

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64137**

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 242203-64137 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.266	0.249	104.1	97.5	6.6
MeSH	<PQL	0.251	0.269	0.249	107.2	99.2	7.7
DMS	<PQL	0.249	0.272	0.270	109.5	108.7	0.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.500	97.8
MeSH	0.502	0.484	96.4
DMS	0.497	0.490	98.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

CHAIN OF CUSTODY RECORD 242626

Client/Project Name SCS ENGINEERS/ CHIQUITA CANYON LANDFILL AIR/ODOR SAMPLING	**Project Location** VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print) ED. GUZMAN	**(Signature)** Ed G
No. Of Containers 7	

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307-91 Sulfur	TO-15 Full List	(Cal) Pressure	Remarks Canister/controller
MS-07	10-28/29-24	0709 - 0709	66360	6L SUMMA CANISTER	X	X	-10 HG	002019/000884
MS-12	10-28/29-24	0724 - 0724	66361	6L SUMMA CANISTER	X	X	-1 HG	001930/19508
MS-08	10-28/29-24	0732 - 0735	66362	6L SUMMA CANISTER	X	X	-6 HG	001934/000708
MS-09	10-28/29-24	0742 - 0749	66363	6L SUMMA CANISTER	X	X	-3 HG	002109/02323
MS-10	10-28/29-24	0752 - 0805	66364	6L SUMMA CANISTER	X	X	-4 HG	002141/17590
MS-06	10-28/29-24	0800 - 0824	66365	6L SUMMA CANISTER	X	X	-10 HG	001943/000988
MS-11	10-28/29-24	0831 - 0901	66366	6L SUMMA CANISTER	X	X	-6 HG	002067/19596

Relinquished by: (Signature)	**Date** 10/29/24	**Time** 1013	**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** 10/29/24	**Time** 1018
Sample Disposal Method:			**Disposed of by: (Signature)**	**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC VENTURA

D10 - 7+ cans + 7+ canister batches

CHAIN OF CUSTODY RECORD 242626

Client/Project Name SCS ENGINEERS / CH. QUITA CANYON LANDFILL AIR/ODOR SAMPLING	**Project Location** VALENCIA, CA.
Project No.	**Field Logbook No.**
Sampler: (Print) E. Guzman	**(Signature)** E. [signature]
	No. Of Containers 7

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307-91 Sulfur					Remarks
MS-07	10-28/29-24	0709 - 0709	66367	10 LITER BAG	X					
MS-12	10-28/29-24	0724 - 0724	66368	10 LITER BAG	X					
MS-08	10-28/29-24	0732 - 0735	66369	10 LITER BAG	X					
MS-09	10-28/29-24	0742 - 0748	66370	10 LITER BAG	X					
MS-10	10-28/29-24	0752 - 0805	66371	10 LITER BAG	X					
MS-06	10-28/29-24	0806 - 0824	66372	10 LITER BAG	X					
MS-11	10-28/29-24	0831 - 0901	66373	10 LITER BAG	X					

Relinquished by: (Signature) [signature]	**Date** 10/29/24	**Time** 1013	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)** [signature]	**Date** 10/29/24	**Time** 1018
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

December 20, 2024
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, November 2024, 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 October 2024 weekly grab samples and odor samples are found in **Attachment A** and **Attachment B** respectively.

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

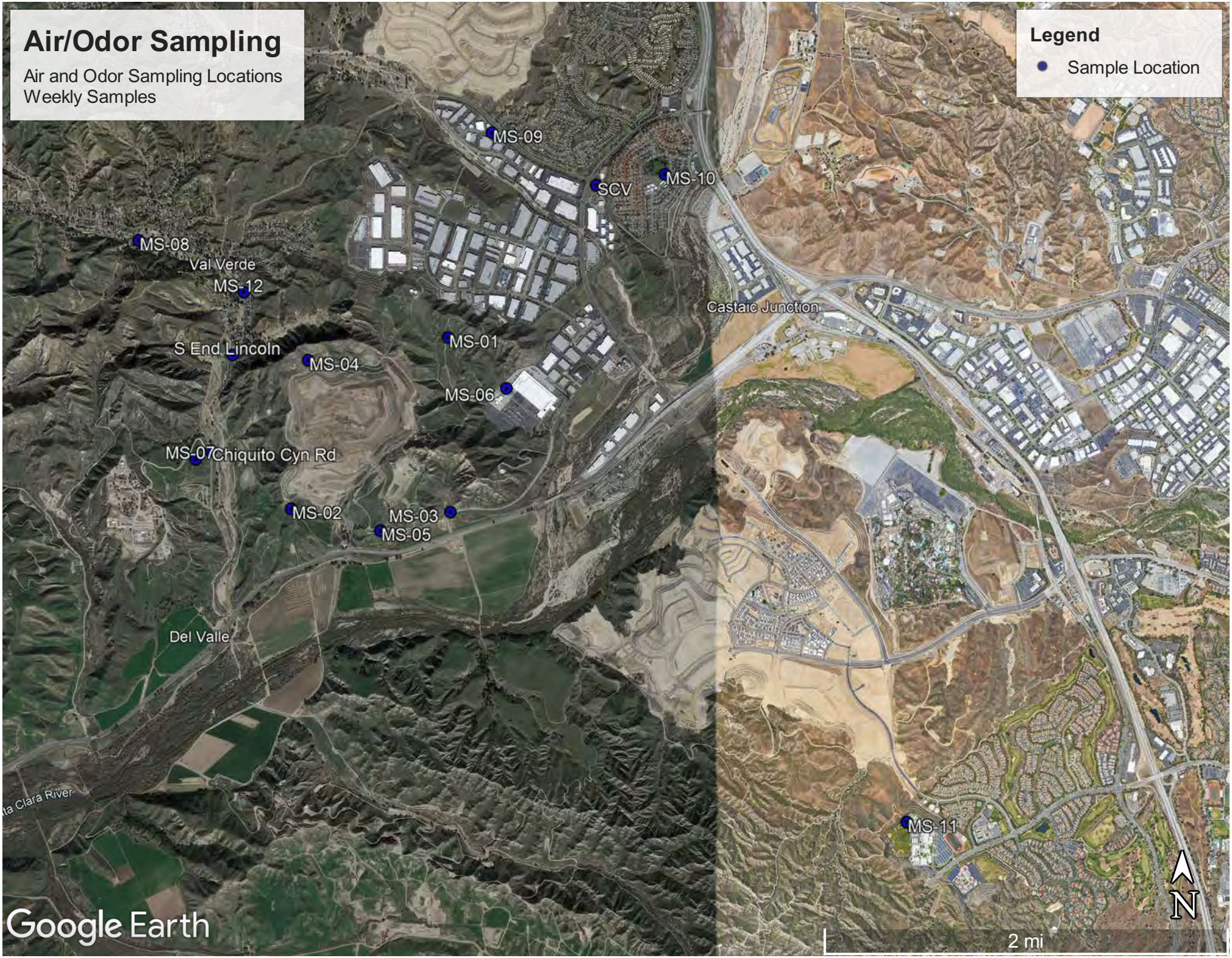
attachments

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.	: 242683
REPORT DATE	: 11/07/2024

On November 4, 2024, 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	242683-66545	722.0	S End Lincoln	242683-66554	VOID
MS-07	242683-66546	709.5	MS-01	242683-66555	706.0
MS-08	242683-66547	702.5	MS-02	242683-66556	VOID
MS-09	242683-66548	713.0	MS-03	242683-66557	731.0
MS-10	242683-66549	736.5	MS-04	242683-66558	716.5
MS-11	242683-66550	718.5	MS-05	242683-66559	719.5
MS-12	242683-66551	713.5	Working Face	242683-66560	719.5
SCV	242683-66552	731.0	Reaction	242683-66561	718.5
Chiquito Cyn Rd	242683-66553	720.0	--	--	--

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. Samples "S End Lincoln" (66554) and "MS-02" (66560) were received with the valves open. The samples were voided as a result. 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 27 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66545				242683-66546				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
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	0.72	0.50
Propene	<SRL	U	1	1.42	<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	0.72		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	7.08	<SRL	U	1	7.17	5.00
Methanol	<SRL	U	1	7.08	<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	2.83	<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	1.42	<SRL	U	1	1.43	1.00
Acetone	<SRL	U	1	2.83	<SRL	U	1	2.87	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.83	<SRL	U	1	2.87	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	0.72	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	0.72	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	2.87	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	1.42	<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 : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66545				242683-66546				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
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	0.72	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	1.43	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	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	1.43	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	1.43	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		94%				94%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66547				242683-66548				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.45				1.43				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.26	<SRL	U	1	7.15	5.00
Methanol	<SRL	U	1	7.26	<SRL	U	1	7.15	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.90	<SRL	U	1	2.86	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Acetone	<SRL	U	1	2.90	<SRL	U	1	2.86	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.90	<SRL	U	1	2.86	2.00
Acrylonitrile	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Carbon Disulfide	<SRL	U	1	2.90	<SRL	U	1	2.86	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66547				242683-66548				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.45				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		96%				95%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-10			Sample Reporting Limit (SRL)	MS-11			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	242683-66549				242683-66550				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.38				1.43				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.38	<SRL	U	1	1.43	1.00
Dichlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	6.92	<SRL	U	1	7.14	5.00
Methanol	<SRL	U	1	6.92	<SRL	U	1	7.14	5.00
1,3-Butadiene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.77	<SRL	U	1	2.86	2.00
Vinyl Bromide	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.38	<SRL	U	1	1.43	1.00
Acetone	<SRL	U	1	2.77	<SRL	U	1	2.86	2.00
Trichlorofluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.77	<SRL	U	1	2.86	2.00
Acrylonitrile	<SRL	U	1	1.38	<SRL	U	1	1.43	1.00
1,1-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.38	<SRL	U	1	1.43	1.00
TertButanol (TBA)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.38	<SRL	U	1	1.43	1.00
Carbon Disulfide	<SRL	U	1	2.77	<SRL	U	1	2.86	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.38	<SRL	U	1	1.43	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66549				242683-66550				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.38				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.38	<SRL	U	1	1.43	1.00
Trichloroethene (TCE)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.38	<SRL	U	1	1.43	1.00
Dibromochloromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.38	<SRL	U	1	1.43	1.00
Bromoform	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		95%				95%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-12			Sample Reporting Limit (SRL)	SCV			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	242683-66551				242683-66552				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.43				1.40				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Acetaldehyde	<SRL	U	1	7.16	<SRL	U	1	6.99	5.00
Methanol	<SRL	U	1	7.16	<SRL	U	1	6.99	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Ethanol	3.64		1	2.86	<SRL	U	1	2.80	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
Acetone	<SRL	U	1	2.86	<SRL	U	1	2.80	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.80	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.80	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66551				242683-66552				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.43				1.40				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
BFB-Surrogate Std. % Recovery		94%				95%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Chiquito Cyn Rd			Sample Reporting Limit (SRL) (MRLxDF's)	MS-01			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	242683-66553				242683-66555				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
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	0.73	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloromethane	0.75		1	0.71	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.08	<SRL	U	1	7.25	5.00
Methanol	<SRL	U	1	7.08	<SRL	U	1	7.25	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethanol	2.93		1	2.83	<SRL	U	1	2.90	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Acetone	4.55		1	2.83	<SRL	U	1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.83	<SRL	U	1	2.90	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	0.73	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	0.73	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.83	<SRL	U	1	2.90	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Chiquito Cyn Rd			Sample Reporting Limit (SRL) (MRLxDF's)	MS-01			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	242683-66553				242683-66555				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
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	0.73	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		96%				95%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66557				242683-66558				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.40				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.40	<SRL	U	1	1.43	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	6.99	<SRL	U	1	7.13	5.00
Methanol	<SRL	U	1	6.99	<SRL	U	1	7.13	5.00
1,3-Butadiene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.80	<SRL	U	1	2.85	2.00
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.40	<SRL	U	1	1.43	1.00
Acetone	<SRL	U	1	2.80	3.32		1	2.85	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.80	<SRL	U	1	2.85	2.00
Acrylonitrile	<SRL	U	1	1.40	<SRL	U	1	1.43	1.00
1,1-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.40	<SRL	U	1	1.43	1.00
TertButanol (TBA)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.40	<SRL	U	1	1.43	1.00
Carbon Disulfide	<SRL	U	1	2.80	<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	1.40	<SRL	U	1	1.43	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66557				242683-66558				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.40				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.40	<SRL	U	1	1.43	1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.40	<SRL	U	1	1.43	1.00
Dibromochloromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.40	<SRL	U	1	1.43	1.00
Bromoform	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		94%				94%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66559				242683-66560				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.71	3.85		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	7.11	12.7		1	7.08	5.00
Methanol	<SRL	U	1	7.11	85.1		1	7.08	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.84	335		25	70.8	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Acetone	<SRL	U	1	2.84	26.3		1	2.83	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.84	34.5		1	2.83	2.00
Acrylonitrile	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.84	<SRL	U	1	2.83	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	6.09		1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	0.98		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 : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66559				242683-66560				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/06/2024				11/06/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.71	1.25		1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.71	2.89		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	2.17		1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		95%				99%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66561				
Date Sampled	11/04/2024				
Date Analyzed	11/06/2024				
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	7.13	5.00
Methanol	<SRL	U	1	7.13	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	2.85	2.00
Vinyl Bromide	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.43	1.00
Acetone	4.24		1	2.85	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	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	2.85	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 : 242683
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
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	242683-66561				
Date Sampled	11/04/2024				
Date Analyzed	11/06/2024				
Can Dilution Factor	1.43				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	2.07		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	2.08		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		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
Dimethyl Sulfide via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 242683
MATRIX : AIR

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethyl Sulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242683-66545	11/04/2024	11/06/2024	<SRL	U	1.42	1.0	94%
MS-07	242683-66546	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	94%
MS-08	242683-66547	11/04/2024	11/06/2024	<SRL	U	1.45	1.0	96%
MS-09	242683-66548	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	95%
MS-10	242683-66549	11/04/2024	11/06/2024	<SRL	U	1.38	1.0	95%
MS-11	242683-66550	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	95%
MS-12	242683-66551	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	94%
SCV	242683-66552	11/04/2024	11/06/2024	<SRL	U	1.40	1.0	95%
Chiquito Cyn Rd	242683-66553	11/04/2024	11/06/2024	<SRL	U	1.42	1.0	96%
MS-01	242683-66555	11/04/2024	11/06/2024	<SRL	U	1.45	1.0	95%
MS-03	242683-66557	11/04/2024	11/06/2024	<SRL	U	1.40	1.0	94%
MS-04	242683-66558	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	94%
MS-05	242683-66559	11/04/2024	11/06/2024	<SRL	U	1.42	1.0	95%
Working Face	242683-66560	11/04/2024	11/06/2024	<SRL	U	1.42	1.0	99%
Reaction	242683-66561	11/04/2024	11/06/2024	5.35		1.43	1.0	96%

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.
Note: DMS co-elutes with Ethanol, high EtOH concentrations can interfere with TIC search and quantitation.

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

Laboratory Analysis Report

Limonene via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 242683
MATRIX : AIR

DATE RECEIVED : 11/04/2024
DATE REPORTED : 11/07/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242683-66545	11/04/2024	11/06/2024	<SRL	U	1.42	1.0	94%
MS-07	242683-66546	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	94%
MS-08	242683-66547	11/04/2024	11/06/2024	<SRL	U	1.45	1.0	96%
MS-09	242683-66548	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	95%
MS-10	242683-66549	11/04/2024	11/06/2024	<SRL	U	1.38	1.0	95%
MS-11	242683-66550	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	95%
MS-12	242683-66551	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	94%
SCV	242683-66552	11/04/2024	11/06/2024	<SRL	U	1.40	1.0	95%
Chiquito Cyn Rd	242683-66553	11/04/2024	11/06/2024	<SRL	U	1.42	1.0	96%
MS-01	242683-66555	11/04/2024	11/06/2024	<SRL	U	1.45	1.0	95%
MS-03	242683-66557	11/04/2024	11/06/2024	<SRL	U	1.40	1.0	94%
MS-04	242683-66558	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	94%
MS-05	242683-66559	11/04/2024	11/06/2024	<SRL	U	1.42	1.0	95%
Working Face	242683-66560	11/04/2024	11/06/2024	16.0		1.42	1.0	99%
Reaction	242683-66561	11/04/2024	11/06/2024	<SRL	U	1.43	1.0	96%

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.

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

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/06/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.75	104
Chlorodifluoromethane	10.20	11.55	113
Propene	10.70	11.65	109
Dichlorodifluoromethane	10.40	11.06	106
Dimethyl Ether	10.10	11.48	114
Chloromethane	10.50	11.46	109
Dichlorotetrafluoroethane	10.20	9.86	97
Vinyl Chloride	10.60	11.95	113
Acetaldehyde	20.90	23.55	113
Methanol	20.40	21.45	105
1,3-Butadiene	10.70	12.41	116
Bromomethane	10.40	10.55	101
Chloroethane	10.40	10.70	103
Dichlorofluoromethane	10.10	10.42	103
Ethanol	11.40	11.94	105
Vinyl Bromide	10.10	9.87	98
Acrolein	10.90	13.20	121
Acetone	10.60	11.25	106
Trichlorofluoromethane	10.50	10.89	104
2-Propanol (IPA)	11.00	12.07	110
Acrylonitrile	11.10	13.32	120
1,1-Dichloroethene	10.50	10.71	102
Methylene Chloride (DCM)	10.40	10.41	100
TertButanol (TBA)	11.20	12.27	110
Allyl Chloride	10.20	11.96	117
Carbon Disulfide	10.50	11.45	109
Trichlorotrifluoroethane	10.30	10.22	99
trans-1,2-Dichloroethene	10.80	11.45	106
1,1-Dichloroethane	10.70	11.35	106
Methyl Tert Butyl Ether (MTBE)	10.70	11.22	105
Vinyl Acetate	11.00	12.63	115
2-Butanone (MEK)	10.70	11.51	108
cis-1,2-Dichloroethene	10.70	11.12	104
Hexane	10.80	10.36	96
Chloroform	10.70	11.57	108
Ethyl Acetate	10.70	12.93	121
Tetrahydrofuran	10.40	10.73	103
1,2-Dichloroethane	10.60	11.89	112
1,1,1-Trichloroethane	10.50	11.34	108
Benzene	10.70	10.87	102
Carbon Tetrachloride	10.30	10.97	107
Cyclohexane	10.50	10.06	96

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	11.41	107
Bromodichloromethane	10.50	11.52	110
1,4-Dioxane	10.50	10.65	101
Trichloroethene (TCE)	10.50	10.36	99
2,2,4-Trimethylpentane	10.10	10.83	107
Methyl Methacrylate	11.00	11.82	107
Heptane	10.50	10.43	99
cis-1,3-Dichloropropene	10.50	11.38	108
4-Methyl-2-pentanone (MiBK)	10.50	11.13	106
trans-1,3-Dichloropropene	10.60	11.44	108
1,1,2-Trichloroethane	10.60	10.36	98
Toluene	10.80	10.62	98
2-Hexanone (MBK)	10.50	11.48	109
Dibromochloromethane	10.60	11.06	104
1,2-Dibromoethane	10.60	11.09	105
Tetrachloroethene (PCE)	10.50	10.14	97
Chlorobenzene	10.80	10.58	98
Ethylbenzene	10.60	10.62	100
m & p-Xylene	21.20	20.61	97
Bromoform	10.60	11.32	107
Styrene	10.60	10.77	102
1,1,2,2-Tetrachloroethane	10.60	10.79	102
o-Xylene	10.60	10.65	100
1,2,3-Trichloropropane	11.00	11.53	105
Isopropylbenzene (Cumene)	10.40	10.47	101
α-Pinene	10.80	10.31	95
2-Chlorotoluene	10.30	10.35	100
n-Propylbenzene	10.10	10.07	100
4-Ethyltoluene	10.40	9.86	95
1,3,5-Trimethylbenzene	10.30	10.05	98
β-Pinene	10.90	8.16	75
1,2,4-Trimethylbenzene	10.30	9.95	97
Benzyl Chloride (a-Chlorotoluene)	10.30	10.36	101
1,3-Dichlorobenzene	10.30	10.77	105
1,4-Dichlorobenzene	10.20	9.48	93
Sec-ButylBenzene	10.00	10.03	100
1,2-Dichlorobenzene	10.40	10.14	98
n-ButylBenzene	10.20	9.71	95
1,2-Dibromo-3-Chloropropane	10.10	10.55	104
1,2,4-Trichlorobenzene	10.50	10.53	100
Naphthalene	10.90	11.03	101
Hexachlorobutadiene	10.80	10.64	99

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

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

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

* - β-Pinene results are estimated.

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

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/06/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	9.75	9.43	104	100	3.3
1,1-Dichloroethene	0.0	10.50	10.71	10.27	102	98	4.2
Methylene Chloride (DCM)	0.0	10.40	10.41	10.28	100	99	1.3
Benzene	0.0	10.70	10.87	10.97	102	103	0.9
Trichloroethene (TCE)	0.0	10.50	10.36	10.32	99	98	0.4
Toluene	0.0	10.80	10.62	10.89	98	101	2.5
Tetrachloroethene (PCE)	0.0	10.50	10.14	10.58	97	101	4.2
Chlorobenzene	0.0	10.80	10.58	10.43	98	97	1.4
Ethylbenzene	0.0	10.60	10.62	10.63	100	100	0.1
m & p-Xylene	0.0	21.20	20.61	20.27	97	96	1.7
o-Xylene	0.0	10.60	10.65	10.61	100	100	0.4

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/06/2024 | **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 110624*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	97%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	*MB 110624*	*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 : 11/06/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.43

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242683-66561

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	8.99	8.97	0.2
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	<SRL	<SRL	*NA*
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	4.24	3.88	8.8
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	2.07	2.18	5.4
1,2-Dichloroethane	<SRL	<SRL	*NA*
1,1,1-Trichloroethane	<SRL	<SRL	*NA*
Benzene	2.08	2.07	0.7
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)

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242683

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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

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-06	66545	11-4-24	1125	summa 1	X				
MS-07	66546		1335		X				
MS-08	66547		1406		X				
MS-09	66548		1418		X				
MS-10	66549		1045		X				
MS-11	66550		1100		X				
MS-12	66551		1400		X				
SCV	66552		1036		X				
Chiquito Cyn Rd	66553		1344		X				
S. End Lincoln	66554		1351		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 11/4 Time	**Received By** Print: Raymond Tran Signature: Raymond Tran	Date 11/4/24 Time 1520
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

10/0

17x 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 Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	~~TO-15 FULL LIST + SVOC~~	TO-15 Extended List + DMS			
MS-01	66555	11-4-24	1222	summa 1		X			
MS-02	66556		1302			X			
MS-03	66557		1149			X			
MS-04	66558		1240			X			
MS-05	66559		1206			X			
Working Face 66560	~~66560~~ 66560		1313			X			
Reaction	66561		1250			X			

LAB USE ONLY
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Received Date:
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 11/4 Time	**Received By** Print: Raymond Tran Signature: Raymond Tran	Date 11/4/24 Time 1820	
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	66562	11-4-24	1125	tedlar 1	X				
MS-07	66563		1335		X				
MS-08	66564		1406		X				
MS-09	66565		1418		X				
MS-10	66566		1045		X				
MS-11	66567		1100		X				
MS-12	66568		1400		X				
SCV	66569		1036		X				
Chiquito Cyn Rd	66570		1344		X				
S. End Lincoln	66571		1351		X				

LAB USE ONLY
Lab ID
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID
Initials
Received Cold?
Total containers
Unused cells?
Flow Controllers
Notes

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/4 Time	**Received By** Print: Raymond Tan Signature: Raymond Tan	Date 11/4/24 Time 15:20
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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR				
MS-01	66572	11-4-24	1222	tedlar 1	X				
MS-02	66573		1302		X				
MS-03	66574		1149		X				
MS-04	66575		1240		X				
MS-05	66576		1206		X				
Working Face	66577		1313		X				
Reaction	66578		1250		X				

LAB USE ONLY
Lab ID:
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Returned Client:
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 11/4/24 Time	**Received By** Print: Raymond Tran Signature: Raymond Tran	Date 11/4/24 Time 15:20
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

CLIENT : SCS Engineers
PROJECT NAME : Chiquita
PROJECT NUMBER : 01204123.21 TASK 22
AAC PROJECT NO. : 242683
REPORT DATE : 11/07/2024

On November 4th 2024, 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	242683-66562	S. End Lincoln	242683-66571
MS-07	242683-66563	MS-01	242683-66572
MS-08	242683-66564	MS-02	242683-66573
MS-09	242683-66565	MS-03	242683-66574
MS-10	242683-66566	MS-04	242683-66575
MS-11	242683-66567	MS-05	242683-66576
MS-12	242683-66568	Working Face	242683-66577
SCV	242683-66569	Reaction	242683-66578
Chiquito Cyn Rd	242683-66570	-	-

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. : 242683
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/04/2024
RECEIVING DATE : 11/04/2024
ANALYSIS DATE : 11/04-05/2024
REPORT DATE : 11/07/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	242683-66562	242683-66563	242683-66564	242683-66565	242683-66566	242683-66567
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. : 242683
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/04/2024
RECEIVING DATE : 11/04/2024
ANALYSIS DATE : 11/04-05/2024
REPORT DATE : 11/07/2024

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	242683-66568	242683-66569	242683-66570	242683-66571	242683-66572	242683-66573
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

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

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

Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242683
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/04/2024
RECEIVING DATE : 11/04/2024
ANALYSIS DATE : 11/05/2024
REPORT DATE : 11/07/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	242683-66574	242683-66575	242683-66576	242683-66577	242683-66578
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: 11/4/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7293	0.513	100.3	1.2
Duplicate	7325	0.515	100.7	1.6
Triplicate	7012	0.493	96.4	2.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6057	0.505	100.6	0.8
Duplicate	6087	0.508	101.1	1.3
Triplicate	5876	0.490	97.6	2.2

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8862	0.517	104.1	1.7
Duplicate	8724	0.509	102.4	0.1
Triplicate	8550	0.499	100.4	1.9

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.252	0.231	98.6	90.4	8.7
MeSH	<PQL	0.251	0.253	0.232	100.8	92.4	8.7
DMS	<PQL	0.249	0.269	0.258	108.2	103.8	4.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.488	95.5
MeSH	0.502	0.496	98.8
DMS	0.497	0.515	103.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/4/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11325.86	497	97.3	0.3
Duplicate	11506.04	505	98.8	1.3
Triplicate	11250.298	493	96.6	1.0

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10131.68	500	99.6	0.2
Duplicate	9916.54	489	97.5	1.9
Triplicate	10283	507	101.1	1.7

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	14460.28	492	99.0	2.3
Duplicate	14974.59	509	102.5	1.2
Triplicate	14971	509	102.5	1.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	265.6	263.9	104.1	103.4	0.7
MeSH	<PQL	250.9	261.8	264.6	104.3	105.5	1.1
DMS	<PQL	248.5	258.0	271.3	103.8	109.2	5.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	533.6	104.5
MeSH	501.8	524.5	104.5
DMS	497.0	532.0	107.0

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 50.0 ppbV
MDL =5.0 ppbV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/5/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11424.12	501	98.1	1.1
Duplicate	11239.81	493	96.5	0.5
Triplicate	11233.75	493	96.5	0.6

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10314.42	509	101.4	0.2
Duplicate	10304.6	508	101.3	0.1
Triplicate	10267	506	100.9	0.3

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15067.03	513	103.1	0.1
Duplicate	15052.03	512	103.0	0.0
Triplicate	15016	511	102.8	0.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	264.0	259.1	103.4	101.5	1.9
MeSH	<PQL	250.9	261.6	262.4	104.3	104.6	0.3
DMS	<PQL	248.5	262.7	258.2	105.7	103.9	1.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	519.7	101.8
MeSH	501.8	521.4	103.9
DMS	497.0	514.1	103.4

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 50.0 ppbV
MDL =5.0 ppbV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/5/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6949	0.488	95.6	1.5
Duplicate	6970	0.490	95.9	1.2
Triplicate	7250	0.510	99.7	2.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6009	0.501	99.8	0.9
Duplicate	6004	0.501	99.8	1.0
Triplicate	6184	0.516	102.7	1.9

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8464	0.494	99.4	2.6
Duplicate	8809	0.514	103.4	1.4
Triplicate	8793	0.513	103.3	1.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.254	0.255	99.4	99.8	0.4
MeSH	<PQL	0.251	0.258	0.265	102.8	105.6	2.7
DMS	<PQL	0.249	0.268	0.269	107.8	108.2	0.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.490	95.9
MeSH	0.502	0.504	100.4
DMS	0.497	0.525	105.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

242683

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	66562	11-4-24	1125	tedlar 1	X				
MS-07	66563		1335		X				
MS-08	66564		1406		X				
MS-09	66565		1418		X				
MS-10	66566		1045		X				
MS-11	66567		1100		X				
MS-12	66568		1400		X				
SCV	66569		1036		X				
Chiquito Cyn Rd	66570		1344		X				
S. End Lincoln	66571		1351		X				

LAB USE ONLY

Lab ID	Sample Received via:
	☐FedEx
	☐UPS
	☐Courier
	☐Other
	Temperature °C
	Thermometer ID
	Initials
	Returned Ehnt
	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 11/4 Time	**Received By** Print: Rayment Tan Signature: Rayment Tan	Date 11/4/24 Time 1500
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242683

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

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					Lab ID
MS-01	66572	11-4-24	1222	tedlar 1	X					
MS-02	66573		1302		X					
MS-03	66574		1149		X					
MS-04	66575		1240		X					
MS-05	66576		1206		X					
Working Face	66577		1313		X					
Reaction	66578		1250		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 11/4/24 Time	**Received By** Print: Raymond Tran Signature: Raymond Tran	Date 11/4/24 Time 15:20
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242683

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

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS				
MS-06	66545	11-4-21	1125	summa 1	X				
MS-07	66546		1335		X				
MS-08	66547		1406		X				
MS-09	66548		1418		X				
MS-10	66549		1045		X				
MS-11	66550		1100		X				
MS-12	66551		1400		X				
SCV	66552		1036		X				
Chiquito Cyn Rd	66553		1344		X				
S. End Lincoln	66554		1351		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 11/4/21 Time	**Received By** Print: Signature:	Date 11/4/21 Time 1520
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

P/O

17 x cans

242683

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 Name
CHIQUITA [ON]

Project Manager Name
PAUL SCHAFER

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 Dawlos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	~~TO-15 FULL LIST + DMS~~	TO-15 Extended List + DMS			
MS-01	66555	11-4-24	1222	summa 1		X			
MS-02	66556		1302			X			
MS-03	66557		1149			X			
MS-04	66558		1240			X			
MS-05	66559		1206			X			
Working Face 66560	~~66560~~ 66560		1313			X			
Reaction	66561		1250			X2			

LAB USE ONLY

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

Client Notes/Special Instructions:

EDD?
☐Yes
☐No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Dawlos Signature: ND	Date 11/4 Time	**Received By** Print: Signature:	Date 11/4/24 Time 1810	
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time	

CLIENT	: SCS Engineers
PROJECT NAME	: Chiquita ON/OFF
PROJECT NO.	: 01204123.21 TASK 22
AAC PROJECT NO.	: 242770
REPORT DATE	: 11/14/2024

On November 11, 2024, 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	242770-67003	719.5	S End Lincoln	242770-67012	714.0
MS-07	242770-67004	709.0	MS-01	242770-67013	698.5
MS-08	242770-67005	706.5	MS-02	242770-67014	709.5
MS-09	242770-67006	710.0	MS-03	242770-67015	721.5
MS-10	242770-67007	716.0	MS-04	242770-67016	703.5
MS-11	242770-67008	705.0	MS-05	242770-67017	708.5
MS-12	242770-67009	697.5	Working Face	242770-67018	707.0
SCV	242770-67010	713.5	Reaction	242770-67019	707.5
Chiquito Cyn Rd	242770-67011	705.0	--	--	--

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

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

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67003				242770-67004				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
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	0.73	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.13	<SRL	U	1	7.25	5.00
Methanol	<SRL	U	1	7.13	<SRL	U	1	7.25	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethanol	7.03		1	2.85	<SRL	U	1	2.90	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Acetone	5.32		1	2.85	3.10		1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	2.90	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	0.73	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	0.73	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	2.90	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67003				242770-67004				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.43				1.45				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		96%				95%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67005				242770-67006				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.45				1.44				
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	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloromethane	0.74		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	7.20	5.00
Methanol	<SRL	U	1	7.27	<SRL	U	1	7.20	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.91	<SRL	U	1	2.88	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	1.44	1.00
Acetone	<SRL	U	1	2.91	4.57		1	2.88	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	2.88	2.00
Acrylonitrile	<SRL	U	1	1.45	<SRL	U	1	1.44	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	1.44	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	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.91	<SRL	U	1	2.88	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	1.44	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67005				242770-67006				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.45				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.44	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.44	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.44	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		101%				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 : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67007				242770-67008				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.43				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	1.43	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloromethane	0.76		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	7.24	5.00
Methanol	<SRL	U	1	7.16	<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	2.86	3.69		1	2.90	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	1.45	1.00
Acetone	5.06		1	2.86	6.23		1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.90	2.00
Acrylonitrile	<SRL	U	1	1.43	<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	1.43	<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	1.43	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.86	<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	1.43	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67007				242770-67008				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.43				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	1.43	<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	1.43	<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	1.43	<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		98%				98%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67009				242770-67010				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.46				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.29	<SRL	U	1	7.19	5.00
Methanol	<SRL	U	1	7.29	<SRL	U	1	7.19	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	5.85		1	2.92	3.12		1	2.88	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Acetone	4.42		1	2.92	4.59		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.92	<SRL	U	1	2.88	2.00
Acrylonitrile	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.92	<SRL	U	1	2.88	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Butanone (MEK)	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67009				242770-67010				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.46				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.46	<SRL	U	1	1.44	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		100%				98%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67011				242770-67012				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.45				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	1.45	<SRL	U	1	1.43	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloromethane	0.77		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	7.23	<SRL	U	1	7.16	5.00
Methanol	<SRL	U	1	7.23	<SRL	U	1	7.16	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	5.42		1	2.89	<SRL	U	1	2.86	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	1.43	1.00
Acetone	7.96		1	2.89	<SRL	U	1	2.86	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	2.86	2.00
Acrylonitrile	<SRL	U	1	1.45	<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	1.45	<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	1.45	<SRL	U	1	1.43	1.00
Carbon Disulfide	<SRL	U	1	2.89	<SRL	U	1	2.86	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	1.43	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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67011				242770-67012				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.45				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	1.45	<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	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	0.77		1	0.72	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.43	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	1.43	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	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		99%				97%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67013				242770-67014				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.46				1.45				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.46	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.30	<SRL	U	1	7.24	5.00
Methanol	<SRL	U	1	7.30	<SRL	U	1	7.24	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	4.00		1	2.92	<SRL	U	1	2.89	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.45	1.00
Acetone	4.45		1	2.92	2.98		1	2.89	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.92	<SRL	U	1	2.89	2.00
Acrylonitrile	<SRL	U	1	1.46	<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	1.46	<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	1.46	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.92	<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	1.46	<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 : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67013				242770-67014				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.46				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.46	<SRL	U	1	1.45	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	0.73	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.46	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.46	<SRL	U	1	1.45	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		99%				99%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67015				242770-67016				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
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	0.73	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.09	<SRL	U	1	7.27	5.00
Methanol	<SRL	U	1	7.09	<SRL	U	1	7.27	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.84	<SRL	U	1	2.91	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Acetone	4.57		1	2.84	2.98		1	2.91	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.84	<SRL	U	1	2.91	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	0.73	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	0.73	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	2.91	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67015				242770-67016				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
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	0.73	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		98%				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 : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67017				242770-67018				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.44				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.22	<SRL	U	1	7.27	5.00
Methanol	<SRL	U	1	7.22	<SRL	U	1	7.27	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.89	10.9		1	2.91	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Acetone	4.49		1	2.89	3.07		1	2.91	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.89	<SRL	U	1	2.91	2.00
Acrylonitrile	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.89	<SRL	U	1	2.91	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67017				242770-67018				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/12/2024				11/12/2024				
Can Dilution Factor	1.44				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		100%				98%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67019				
Date Sampled	11/11/2024				
Date Analyzed	11/12/2024				
Can Dilution Factor	1.45				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	0.50
Propene	1.89		1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	0.50
Dimethyl Ether	3.15		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	7.26	5.00
Methanol	34.9		1	7.26	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	9.02		1	2.90	2.00
Vinyl Bromide	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.45	1.00
Acetone	7.09		1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.90	2.00
Acrylonitrile	<SRL	U	1	1.45	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	1.00
TertButanol (TBA)	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.90	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	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)	2.56		1	1.45	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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242770
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
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	242770-67019				
Date Sampled	11/11/2024				
Date Analyzed	11/12/2024				
Can Dilution Factor	1.45				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	3.09		1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	0.50
Benzene	2.70		1	0.73	0.50
Carbon Tetrachloride	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		100%			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 : 242770
MATRIX : AIR

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethyl Sulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242770-67003	11/11/2024	11/12/2024	<SRL	U	1.43	1.0	96%
MS-07	242770-67004	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	95%
MS-08	242770-67005	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	101%
MS-09	242770-67006	11/11/2024	11/12/2024	<SRL	U	1.44	1.0	96%
MS-10	242770-67007	11/11/2024	11/12/2024	<SRL	U	1.43	1.0	98%
MS-11	242770-67008	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	98%
MS-12	242770-67009	11/11/2024	11/12/2024	<SRL	U	1.46	1.0	100%
SCV	242770-67010	11/11/2024	11/12/2024	<SRL	U	1.44	1.0	98%
Chiquito Cyn Rd	242770-67011	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	99%
S End Lincoln	242770-67012	11/11/2024	11/12/2024	<SRL	U	1.43	1.0	97%
MS-01	242770-67013	11/11/2024	11/12/2024	<SRL	U	1.46	1.0	99%
MS-02	242770-67014	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	99%
MS-03	242770-67015	11/11/2024	11/12/2024	<SRL	U	1.42	1.0	98%
MS-04	242770-67016	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	99%
MS-05	242770-67017	11/11/2024	11/12/2024	<SRL	U	1.44	1.0	100%
Working Face	242770-67018	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	98%
Reaction	242770-67019	11/11/2024	11/12/2024	3.60		1.45	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.

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

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Laboratory Analysis Report

Limonene via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 242770
MATRIX : AIR

DATE RECEIVED : 11/11/2024
DATE REPORTED : 11/14/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242770-67003	11/11/2024	11/12/2024	0.48	J	1.43	1.0	96%
MS-07	242770-67004	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	95%
MS-08	242770-67005	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	101%
MS-09	242770-67006	11/11/2024	11/12/2024	<SRL	U	1.44	1.0	96%
MS-10	242770-67007	11/11/2024	11/12/2024	<SRL	U	1.43	1.0	98%
MS-11	242770-67008	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	98%
MS-12	242770-67009	11/11/2024	11/12/2024	<SRL	U	1.46	1.0	100%
SCV	242770-67010	11/11/2024	11/12/2024	<SRL	U	1.44	1.0	98%
Chiquito Cyn Rd	242770-67011	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	99%
S End Lincoln	242770-67012	11/11/2024	11/12/2024	<SRL	U	1.43	1.0	97%
MS-01	242770-67013	11/11/2024	11/12/2024	<SRL	U	1.46	1.0	99%
MS-02	242770-67014	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	99%
MS-03	242770-67015	11/11/2024	11/12/2024	<SRL	U	1.42	1.0	98%
MS-04	242770-67016	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	99%
MS-05	242770-67017	11/11/2024	11/12/2024	<SRL	U	1.44	1.0	100%
Working Face	242770-67018	11/11/2024	11/12/2024	<SRL	U	1.45	1.0	98%
Reaction	242770-67019	11/11/2024	11/12/2024	<SRL	U	1.45	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.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/12/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.65	103
Chlorodifluoromethane	10.20	11.76	115
Propene	10.70	12.77	119
Dichlorodifluoromethane	10.40	11.19	108
Dimethyl Ether	10.10	11.73	116
Chloromethane	10.50	12.21	116
Dichlorotetrafluoroethane	10.20	9.98	98
Vinyl Chloride	10.60	11.66	110
Acetaldehyde	20.90	25.53	122
Methanol	20.40	23.17	114
1,3-Butadiene	10.70	13.15	123
Bromomethane	10.40	10.12	97
Chloroethane	10.40	10.04	97
Dichlorofluoromethane	10.10	10.30	102
Ethanol	11.40	13.30	117
Vinyl Bromide	10.10	9.87	98
Acrolein	10.90	12.58	115
Acetone	10.60	10.73	101
Trichlorofluoromethane	10.50	11.34	108
2-Propanol (IPA)	11.00	12.85	117
Acrylonitrile	11.10	13.05	118
1,1-Dichloroethene	10.50	10.48	100
Methylene Chloride (DCM)	10.40	10.35	100
TertButanol (TBA)	11.20	12.26	109
Allyl Chloride	10.20	12.34	121
Carbon Disulfide	10.50	11.06	105
Trichlorotrifluoroethane	10.30	10.10	98
trans-1,2-Dichloroethene	10.80	11.20	104
1,1-Dichloroethane	10.70	11.22	105
Methyl Tert Butyl Ether (MTBE)	10.70	11.01	103
Vinyl Acetate	11.00	12.35	112
2-Butanone (MEK)	10.70	10.98	103
cis-1,2-Dichloroethene	10.70	10.75	100
Hexane	10.80	10.27	95
Chloroform	10.70	11.34	106
Ethyl Acetate	10.70	13.11	123
Tetrahydrofuran	10.40	10.02	96
1,2-Dichloroethane	10.60	12.08	114
1,1,1-Trichloroethane	10.50	11.36	108
Benzene	10.70	10.93	102
Carbon Tetrachloride	10.30	11.82	115
Cyclohexane	10.50	10.23	97

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	11.51	108
Bromodichloromethane	10.50	11.96	114
1,4-Dioxane	10.50	10.87	104
Trichloroethene (TCE)	10.50	10.64	101
2,2,4-Trimethylpentane	10.10	11.27	112
Methyl Methacrylate	11.00	11.56	105
Heptane	10.50	10.50	100
cis-1,3-Dichloropropene	10.50	11.58	110
4-Methyl-2-pentanone (MiBK)	10.50	11.44	109
trans-1,3-Dichloropropene	10.60	11.75	111
1,1,2-Trichloroethane	10.60	10.26	97
Toluene	10.80	10.70	99
2-Hexanone (MBK)	10.50	11.57	110
Dibromochloromethane	10.60	11.31	107
1,2-Dibromoethane	10.60	11.03	104
Tetrachloroethene (PCE)	10.50	10.53	100
Chlorobenzene	10.80	10.62	98
Ethylbenzene	10.60	10.62	100
m & p-Xylene	21.20	20.73	98
Bromoform	10.60	11.84	112
Styrene	10.60	10.88	103
1,1,2,2-Tetrachloroethane	10.60	10.52	99
o-Xylene	10.60	10.71	101
1,2,3-Trichloropropane	11.00	11.59	105
Isopropylbenzene (Cumene)	10.40	10.57	102
α-Pinene	10.80	10.83	100
2-Chlorotoluene	10.30	10.41	101
n-Propylbenzene	10.10	10.03	99
4-Ethyltoluene	10.40	10.09	97
1,3,5-Trimethylbenzene	10.30	10.09	98
β-Pinene	10.90	8.82	81
1,2,4-Trimethylbenzene	10.30	10.02	97
Benzyl Chloride (a-Chlorotoluene)	10.30	10.30	100
1,3-Dichlorobenzene	10.30	10.52	102
1,4-Dichlorobenzene	10.20	9.71	95
Sec-ButylBenzene	10.00	10.04	100
1,2-Dichlorobenzene	10.40	10.19	98
n-ButylBenzene	10.20	9.82	96
1,2-Dibromo-3-Chloropropane	10.10	10.41	103
1,2,4-Trichlorobenzene	10.50	10.23	97
Naphthalene	10.90	10.58	97
Hexachlorobutadiene	10.80	10.79	100

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

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

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

* - β-Pinene results are estimated.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/12/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	9.65	9.54	103	101	1.1
1,1-Dichloroethene	0.0	10.50	10.48	10.29	100	98	1.8
Methylene Chloride (DCM)	0.0	10.40	10.35	10.02	100	96	3.2
Benzene	0.0	10.70	10.93	10.98	102	103	0.5
Trichloroethene (TCE)	0.0	10.50	10.64	10.56	101	101	0.8
Toluene	0.0	10.80	10.70	11.06	99	102	3.3
Tetrachloroethene (PCE)	0.0	10.50	10.53	10.72	100	102	1.8
Chlorobenzene	0.0	10.80	10.62	10.55	98	98	0.7
Ethylbenzene	0.0	10.60	10.62	10.62	100	100	0.0
m & p-Xylene	0.0	21.20	20.73	20.34	98	96	1.9
o-Xylene	0.0	10.60	10.71	10.65	101	100	0.6

[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 : 11/12/2024 | **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 111224*	*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 111224*	*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 : 11/12/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.45

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242770-67019

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.42	9.41	0.1
Chlorodifluoromethane	<SRL	<SRL	*NA*
Propene	1.89	1.90	0.8
Dichlorodifluoromethane	<SRL	<SRL	*NA*
Dimethyl Ether	3.15	2.93	7.2
Chloromethane	<SRL	<SRL	*NA*
Dichlorotetrafluoroethane	<SRL	<SRL	*NA*
Vinyl Chloride	<SRL	<SRL	*NA*
Acetaldehyde J	5.40	5.65	4.5
Methanol	19.1	19.6	2.7
1,3-Butadiene	<SRL	<SRL	*NA*
Bromomethane	<SRL	<SRL	*NA*
Chloroethane	<SRL	<SRL	*NA*
Dichlorofluoromethane	<SRL	<SRL	*NA*
Ethanol	9.02	8.82	2.3
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	7.09	6.36	10.8
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)	2.56	2.50	2.3
cis-1,2-Dichloroethene	<SRL	<SRL	*NA*
Hexane	<SRL	<SRL	*NA*
Chloroform	<SRL	<SRL	*NA*
Ethyl Acetate	<SRL	<SRL	*NA*
Tetrahydrofuran	3.09	2.82	9.3
1,2-Dichloroethane	<SRL	<SRL	*NA*
1,1,1-Trichloroethane	<SRL	<SRL	*NA*
Benzene	2.70	2.69	0.5
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	<SRL	<SRL	*NA*
cis-1,3-Dichloropropene	<SRL	<SRL	*NA*
4-Methyl-2-pentanone (MiBK)	<SRL	<SRL	*NA*
trans-1,3-Dichloropropene	<SRL	<SRL	*NA*
1,1,2-Trichloroethane	<SRL	<SRL	*NA*
Toluene	<SRL	<SRL	*NA*
2-Hexanone (MBK)	<SRL	<SRL	*NA*
Dibromochloromethane	<SRL	<SRL	*NA*
1,2-Dibromoethane	<SRL	<SRL	*NA*
Tetrachloroethene (PCE)	<SRL	<SRL	*NA*
Chlorobenzene	<SRL	<SRL	*NA*
Ethylbenzene	<SRL	<SRL	*NA*
m & p-Xylene	<SRL	<SRL	*NA*
Bromoform	<SRL	<SRL	*NA*
Styrene	<SRL	<SRL	*NA*
1,1,2,2-Tetrachloroethane	<SRL	<SRL	*NA*
o-Xylene	<SRL	<SRL	*NA*
1,2,3-Trichloropropane	<SRL	<SRL	*NA*
Isopropylbenzene (Cumene)	<SRL	<SRL	*NA*
α-Pinene	<SRL	<SRL	*NA*
2-Chlorotoluene	<SRL	<SRL	*NA*
n-Propylbenzene	<SRL	<SRL	*NA*
4-Ethyltoluene	<SRL	<SRL	*NA*
1,3,5-Trimethylbenzene	<SRL	<SRL	*NA*
β-Pinene	<SRL	<SRL	*NA*
1,2,4-Trimethylbenzene	<SRL	<SRL	*NA*
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	*NA*
1,3-Dichlorobenzene	<SRL	<SRL	*NA*
1,4-Dichlorobenzene	<SRL	<SRL	*NA*
Sec-ButylBenzene	<SRL	<SRL	*NA*
1,2-Dichlorobenzene	<SRL	<SRL	*NA*
n-ButylBenzene	<SRL	<SRL	*NA*
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	*NA*
1,2,4-Trichlorobenzene	<SRL	<SRL	*NA*
Naphthalene	<SRL	<SRL	*NA*
Hexachlorobutadiene	<SRL	<SRL	*NA*

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

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

SRL - Sample Reporting Limit (minimum)

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

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

242770

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-06	67003	11-11-21	1215	summa 1	X					
MS-07	67004		1350		X					
MS-08	67005		1417		X					
MS-09	67006		1426		X					
MS-10	67007		1138		X					
MS-11	67008		1156		X					
MS-12	67009		1411		X					
SCV	67010		1130		X					
Chiquito Cyn Rd	67011		1357		X					
S. End Lincoln	67012		1405		X					

LAB USE ONLY:
Sample Received via:
☐FedEx
☐UPS
☐Courier
☐Other
Temperature: °C
Thermometer ID
Initials
Required Temp.
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 11/11 Time	**Received By** Print: Signature:	Date 11/12/21 Time 1527
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

17 of

242770

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: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	~~TO-15 FULL LIST + DMS~~	TO-15 Extended List + DMS				LAB USE ONLY: Lab ID
MS-01	67013	11-11-24	1255	summa 1		X				
MS-02	67014		1306			X				
MS-03	67015		1224			X				
MS-04	67016		1309			X				
MS-05	67017		1238			X				
Working Face	67018		1337			X				
Reaction	67019		1317			X				

LAB USE ONLY:
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature ____ °C
Thermometer ID ____
Initials ____
Received Short ____
Total Cans ____
Unused Cans ____
New Containers ____

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY:
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/11 Time	**Received By** Print: Signature:	Date Time
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date 11/11/24 Time 1527

242770

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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	67020	11-11-24	1215	tedlar 1	X				
MS-07	67021		1350		X				
MS-08	67022		1417		X				
MS-09	67023		1426		X				
MS-10	67024		1138		X				
MS-11	67025		1156		X				
MS-12	67026		1411		X				
SCV	67027		1130		X				
Chiquito Cyn Rd	67028		1357		X				
S. End Lincoln	67029		1405		X				

LAB USE ONLY
Lab ID
Sample Received via:
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Ice Chest
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 11/11 Time	**Received By** Print: Signature:	Date Time
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date 11/11/24 Time 1527

242770

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					Lab ID
MS-01	67030	11-11-24	1255	tedlar 1	X					
MS-02	67031		1306		X					
MS-03	67032		1224		X					
MS-04	67033		1309		X					
MS-05	67034		1238		X					
Working Face	67035		1337		X					
Reaction	67036		1317		X					

LAB USE ONLY
Sample Received via
☐ Fedex
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Received Cool
Total Cans
Unused Cans
Flow Controller

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/11 Time	**Received By** Print: Signature:	Date Time	
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date 11/11/24 Time 1527	

Atmospheric Analysis & Consulting, Inc.

CLIENT	:	SCS Engineers
PROJECT NAME	:	Chiquita
PROJECT NUMBER	:	01204123.21 TASK 22
AAC PROJECT NO.	:	242770
REPORT DATE	:	11/13/2024

On November 11th 2024, 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	242770-67020	S. End Lincoln	242770-67029
MS-07	242770-67021	MS-01	242770-67030
MS-08	242770-67022	MS-02	242770-67031
MS-09	242770-67023	MS-03	242770-67032
MS-10	242770-67024	MS-04	242770-67033
MS-11	242770-67025	MS-05	242770-67034
MS-12	242770-67026	Working Face	242770-67035
SCV	242770-67027	Reaction	242770-67036
Chiquito Cyn Rd	242770-67028	-	-

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. : 242770
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/11/2024
RECEIVING DATE : 11/11/2024
ANALYSIS DATE : 11/11/2024
REPORT DATE : 11/13/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	242770-67020	242770-67021	242770-67022	242770-67023	242770-67024	242770-67025
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. : 242770
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/11/2024
RECEIVING DATE : 11/11/2024
ANALYSIS DATE : 11/11-12/2024
REPORT DATE : 11/13/2024

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	242770-67026	242770-67027	242770-67028	242770-67029	242770-67030	242770-67031
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. : 242770
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/11/2024
RECEIVING DATE : 11/11/2024
ANALYSIS DATE : 11/11-12/2024
REPORT DATE : 11/13/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	242770-67032	242770-67033	242770-67034	242770-67035	242770-67036
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: 11/11/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11232.28	492	96.5	0.4
Duplicate	11197.86	491	96.2	0.7
Triplicate	11414.35	500	98.0	1.2

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10258.53	506	100.9	0.6
Duplicate	10148.19	501	99.8	0.5
Triplicate	10196	503	100.2	0.1

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	14783.29	503	101.2	0.5
Duplicate	14643.42	498	100.2	1.4
Triplicate	15140	515	103.6	1.9

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	256.1	247.3	100.3	96.9	3.5
MeSH	<PQL	250.9	251.5	248.4	100.2	99.0	1.2
DMS	<PQL	248.5	256.7	257.9	103.3	103.8	0.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	491.8	96.3
MeSH	501.8	500.4	99.7
DMS	497.0	504.6	101.5

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/11/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7022	0.493	96.6	0.9
Duplicate	7028	0.494	96.7	0.8
Triplicate	7201	0.506	99.0	1.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5908	0.493	98.2	2.8
Duplicate	6156	0.514	102.3	1.3
Triplicate	6163	0.514	102.4	1.4

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8748	0.511	102.7	0.5
Duplicate	8793	0.513	103.3	0.0
Triplicate	8843	0.516	103.8	0.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.272	0.255	106.5	99.8	6.5
MeSH	<PQL	0.251	0.268	0.261	106.8	104.0	2.6
DMS	<PQL	0.249	0.262	0.262	105.4	105.4	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.521	102.0
MeSH	0.502	0.502	100.0
DMS	0.497	0.521	104.8

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/12/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11188.53	491	96.1	0.2
Duplicate	11228.77	492	96.4	0.2
Triplicate	11209.3	491	96.3	0.0

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10280.9	507	101.1	1.8
Duplicate	10522.54	519	103.4	0.5
Triplicate	10595	523	104.2	1.2

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15099.58	514	103.3	0.4
Duplicate	14924.77	508	102.2	0.8
Triplicate	15115	514	103.5	0.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242770-67029**

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 242770-67029 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	259.1	248.9	101.5	97.5	4.0
MeSH	<PQL	250.9	253.5	245.2	101.1	97.7	3.3
DMS	<PQL	248.5	261.9	251.2	105.4	101.1	4.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	489.4	95.9
MeSH	501.8	508.6	101.4
DMS	497.0	512.2	103.1

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/12/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7223	0.508	99.3	1.2
Duplicate	7271	0.511	100.0	0.6
Triplicate	7449	0.523	102.4	1.8

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6185	0.516	102.8	0.6
Duplicate	6306	0.526	104.8	1.4
Triplicate	6171	0.515	102.5	0.8

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8871	0.518	104.2	0.2
Duplicate	8929	0.521	104.9	0.5
Triplicate	8862	0.517	104.1	0.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242770-67034 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.249	0.234	97.5	91.6	6.2
MeSH	<PQL	0.251	0.247	0.233	98.4	92.8	5.8
DMS	<PQL	0.249	0.268	0.260	107.8	104.6	3.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.484	94.7
MeSH	0.502	0.507	101.0
DMS	0.497	0.522	105.0

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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242770

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	67020	11-11-24	1215	tedlar 1	X				
MS-07	67021		1350		X				
MS-08	67022		1417		X				
MS-09	67023		1426		X				
MS-10	67024		1138		X				
MS-11	67025		1156		X				
MS-12	67026		1411		X				
SCV	67027		1130		X				
Chiquito Cyn Rd	67028		1357		X				
S. End Lincoln	67029		1405		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 11/11 Time	**Received By** Print: Signature:	Date Time
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date 11/11/24 Time 1527

242770

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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	67030	11-11-24	1255	tedlar 1	X
MS-02	67031		1306		X
MS-03	67032		1224		X
MS-04	67033		1309		X
MS-05	67034		1238		X
Working Face	67035		1337		X
Reaction	67036		1317		X

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/11 Time	**Received By** Print: Signature:	Date Time
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date 11/11/24 Time 1527

242770

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

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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS
MS-06	67003	11-11-21	1215	summa 1	X
MS-07	67004		1350		X
MS-08	67005		1417		X
MS-09	67006		1426		X
MS-10	67007		1138		X
MS-11	67008		1156		X
MS-12	67009		1411		X
SCV	67010		1130		X
Chiquito Cyn Rd	67011		1357		X
S. End Lincoln	67012	↓	1405		X

Client Notes/Special Instructions:

AAC Project No.:

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

Send Invoice To (Name/Email/Address)

PO Number

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

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/11 Time	**Received By** Print: Signature:	Date 11/11/21 Time 1527
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242770

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

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	~~TO-15 FULL LIST + DMS~~	TO-15 Expanded List + DMS				Lab ID
MS-01	67013	11-11-21	1255	summa 1		X				
MS-02	67014		1306			X				
MS-03	67015		1224			X				
MS-04	67016		1309			X				
MS-05	67017		1238			X				
Working Face	67018		1337			X				
Reaction	67019	↓	1317			X				

LAB USE ONLY
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: °C
Thermometer ID:
Initials:
Returned Cans:
Total Cans:
Unused Cans:
Flow Controller:

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/11 Time	**Received By** Print: Signature:	Date Time
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date 11/11/24 Time 1527

Atmospheric Analysis & Consulting, Inc.

CLIENT	: SCS Engineers
PROJECT NAME	: Chiquita ON/OFF
PROJECT NO.	: 01204123.21 TASK 22
AAC PROJECT NO.	: 242827
REPORT DATE	: 11/22/2024

On November 18, 2024, 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	242827-67314	714.5	S End Lincoln	242827-67323	715.0
MS-07	242827-67315	711.0	MS-01	242827-67324	708.5
MS-08	242827-67316	713.0	MS-02	242827-67325	704.0
MS-09	242827-67317	719.5	MS-03	242827-67326	716.0
MS-10	242827-67318	720.0	MS-04	242827-67327	684.0
MS-11	242827-67319	706.5	MS-05	242827-67328	705.0
MS-12	242827-67320	713.0	Working Face	242827-67329	705.0
SCV	242827-67321	722.0	Reaction	242827-67330	705.0
Chiquito Cyn Rd	242827-67322	715.0	--	--	--

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

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

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 27 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67314				242827-67315				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.43				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	1.43	<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	0.76		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	7.14	<SRL	U	1	7.20	5.00
Methanol	<SRL	U	1	7.14	<SRL	U	1	7.20	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	4.73		1	2.86	<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	1.43	<SRL	U	1	1.44	1.00
Acetone	<SRL	U	1	2.86	3.60		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.88	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<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	0.71	<SRL	U	1	0.72	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.88	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<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	1.44	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 : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67314				242827-67315				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.43				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	1.43	<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	1.43	<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	1.43	<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		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 : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67316				242827-67317				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.43				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.15	<SRL	U	1	7.11	5.00
Methanol	<SRL	U	1	7.15	<SRL	U	1	7.11	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.86	<SRL	U	1	2.84	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Acetone	11.9		1	2.86	<SRL	U	1	2.84	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.84	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.84	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67316				242827-67317				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.43				1.42				
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	1.43	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		107%				106%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67318				242827-67319				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.41				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.41	<SRL	U	1	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.06	<SRL	U	1	7.21	5.00
Methanol	<SRL	U	1	7.06	<SRL	U	1	7.21	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	9.99		1	2.83	<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	1.41	<SRL	U	1	1.44	1.00
Acetone	5.00		1	2.83	3.45		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.83	<SRL	U	1	2.88	2.00
Acrylonitrile	<SRL	U	1	1.41	<SRL	U	1	1.44	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.41	<SRL	U	1	1.44	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Allyl Chloride	<SRL	U	1	1.41	<SRL	U	1	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.83	<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	1.41	<SRL	U	1	1.44	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67318				242827-67319				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.41				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	1.41	<SRL	U	1	1.44	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.41	<SRL	U	1	1.44	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.41	<SRL	U	1	1.44	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
BFB-Surrogate Std. % Recovery		104%				106%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67320				242827-67321				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.12	<SRL	U	1	7.09	5.00
Methanol	<SRL	U	1	7.12	<SRL	U	1	7.09	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.85	<SRL	U	1	2.84	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Acetone	<SRL	U	1	2.85	<SRL	U	1	2.84	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	2.84	2.00
Acrylonitrile	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.85	<SRL	U	1	2.84	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67320				242827-67321				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	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		104%				106%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67322				242827-67323				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.43				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.13	<SRL	U	1	7.12	5.00
Methanol	<SRL	U	1	7.13	<SRL	U	1	7.12	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.85	<SRL	U	1	2.85	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Acetone	<SRL	U	1	2.85	<SRL	U	1	2.85	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	2.85	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.85	<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	1.43	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67322				242827-67323				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.43				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		108%				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 : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67324				242827-67325				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.45				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	1.45	<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	0.77		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	7.24	5.00
Methanol	<SRL	U	1	7.24	<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	7.05		1	2.90	4.52		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	1.45	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	1.45	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<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	1.45	<SRL	U	1	1.45	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	1.45	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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67324				242827-67325				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
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	0.72	<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	1.45	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	1.45	<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	1.45	<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		110%				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 : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67326				242827-67327				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.43				1.49				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.49	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.14	<SRL	U	1	7.44	5.00
Methanol	<SRL	U	1	7.14	<SRL	U	1	7.44	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.86	<SRL	U	1	2.98	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.49	1.00
Acetone	3.61		1	2.86	3.09		1	2.98	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.98	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.49	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.49	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.49	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.98	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.49	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67326				242827-67327				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
Can Dilution Factor	1.43				1.49				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.49	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.49	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.49	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		105%				106%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67328				242827-67329				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
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	22.6		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	7.61		1	0.72	0.50
Chloromethane	<SRL	U	1	0.72	0.74		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	10.4		1	7.24	5.00
Methanol	<SRL	U	1	7.22	29.7		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	2.89	96.7		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	<SRL	U	1	2.89	12.7		1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.89	14.0		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	0.91		1	0.72	0.50
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.89	<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	15.2		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	2.55		1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.72	17.9		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	3.56		1	0.72	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67328				242827-67329				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/20/2024				11/20/2024				
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	0.77		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	2.13		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	0.84		1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.44	1.45		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	6.71		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		107%				111%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67330				
Date Sampled	11/18/2024				
Date Analyzed	11/20/2024				
Can Dilution Factor	1.44				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	0.50
Propene	25.6		1	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	0.50
Dimethyl Ether	42.2		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	7.21	5.00
Methanol	214		1	7.21	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	43.1		1	2.88	2.00
Vinyl Bromide	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.44	1.00
Acetone	52.3		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	12.7		1	2.88	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)	1.41		1	0.72	0.50
Allyl Chloride	<SRL	U	1	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.88	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)	35.5		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	2.44		1	0.72	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242827
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/18/2024
DATE REPORTED : 11/22/2024
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	242827-67330				
Date Sampled	11/18/2024				
Date Analyzed	11/20/2024				
Can Dilution Factor	1.44				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	47.9		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	37.2		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)	1.86		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	4.02		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	2.21		1	0.72	0.50
m & p-Xylene	2.26		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	0.84		1	0.72	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	0.50
Isopropylbenzene (Cumene)	0.85		1	0.72	0.50
α-Pinene	2.02		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	0.78		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		111%			70-130%

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/20/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	10.57	112
Chlorodifluoromethane	10.20	10.74	105
Propene	10.70	11.20	105
Dichlorodifluoromethane	10.40	10.67	103
Dimethyl Ether	10.10	10.72	106
Chloromethane	10.50	10.73	102
Dichlorotetrafluoroethane	10.20	9.44	93
Vinyl Chloride	10.60	9.68	91
Acetaldehyde	20.90	22.49	108
Methanol	20.40	20.54	101
1,3-Butadiene	10.70	11.85	111
Bromomethane	10.40	9.14	88
Chloroethane	10.40	9.13	88
Dichlorofluoromethane	10.10	9.39	93
Ethanol	11.40	12.22	107
Vinyl Bromide	10.10	9.42	93
Acrolein	10.90	12.10	111
Acetone	10.60	10.32	97
Trichlorofluoromethane	10.50	11.95	114
2-Propanol (IPA)	11.00	11.68	106
Acrylonitrile	11.10	11.57	104
1,1-Dichloroethene	10.50	9.60	91
Methylene Chloride (DCM)	10.40	9.04	87
TertButanol (TBA)	11.20	11.74	105
Allyl Chloride	10.20	11.28	111
Carbon Disulfide	10.50	9.94	95
Trichlorotrifluoroethane	10.30	9.55	93
trans-1,2-Dichloroethene	10.80	10.66	99
1,1-Dichloroethane	10.70	10.11	94
Methyl Tert Butyl Ether (MTBE)	10.70	10.48	98
Vinyl Acetate	11.00	12.30	112
2-Butanone (MEK)	10.70	9.73	91
cis-1,2-Dichloroethene	10.70	9.65	90
Hexane	10.80	9.36	87
Chloroform	10.70	10.87	102
Ethyl Acetate	10.70	12.15	114
Tetrahydrofuran	10.40	8.76	84
1,2-Dichloroethane	10.60	12.30	116
1,1,1-Trichloroethane	10.50	11.96	114
Benzene	10.70	9.88	92
Carbon Tetrachloride	10.30	13.02	126
Cyclohexane	10.50	9.07	86

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	9.83	92
Bromodichloromethane	10.50	11.96	114
1,4-Dioxane	10.50	10.38	99
Trichloroethene (TCE)	10.50	10.49	100
2,2,4-Trimethylpentane	10.10	10.20	101
Methyl Methacrylate	11.00	9.72	88
Heptane	10.50	9.04	86
cis-1,3-Dichloropropene	10.50	10.54	100
4-Methyl-2-pentanone (MiBK)	10.50	10.15	97
trans-1,3-Dichloropropene	10.60	11.33	107
1,1,2-Trichloroethane	10.60	9.66	91
Toluene	10.80	9.94	92
2-Hexanone (MBK)	10.50	10.64	101
Dibromochloromethane	10.60	11.81	111
1,2-Dibromoethane	10.60	10.49	99
Tetrachloroethene (PCE)	10.50	11.01	105
Chlorobenzene	10.80	10.63	98
Ethylbenzene	10.60	10.25	97
m & p-Xylene	21.20	20.84	98
Bromoform	10.60	12.86	121
Styrene	10.60	10.63	100
1,1,2,2-Tetrachloroethane	10.60	9.55	90
o-Xylene	10.60	10.47	99
1,2,3-Trichloropropane	11.00	11.98	109
Isopropylbenzene (Cumene)	10.40	10.28	99
α-Pinene	10.80	10.75	100
2-Chlorotoluene	10.30	10.60	103
n-Propylbenzene	10.10	10.23	101
4-Ethyltoluene	10.40	10.23	98
1,3,5-Trimethylbenzene	10.30	10.36	101
β-Pinene	10.90	8.71	80
1,2,4-Trimethylbenzene	10.30	10.32	100
Benzyl Chloride (a-Chlorotoluene)	10.30	11.31	110
1,3-Dichlorobenzene	10.30	12.24	119
1,4-Dichlorobenzene	10.20	10.64	104
Sec-ButylBenzene	10.00	9.70	97
1,2-Dichlorobenzene	10.40	10.85	104
n-ButylBenzene	10.20	10.44	102
1,2-Dibromo-3-Chloropropane	10.10	11.40	113
1,2,4-Trichlorobenzene	10.50	12.24	117
Naphthalene	10.90	11.43	105
Hexachlorobutadiene	10.80	13.63	126

[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 : 11/20/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS [1] Recovery*	*LCSD [1] Recovery*	*LCS [1] % Recovery [2]*	*LCSD [1] % Recovery [2]*	*RPD [3]*
4-BFB (surrogate standard)	0.0	9.40	10.57	10.49	112	112	0.8
1,1-Dichloroethene	0.0	10.50	9.60	10.66	91	102	10.5
Methylene Chloride (DCM)	0.0	10.40	9.04	9.84	87	95	8.5
Benzene	0.0	10.70	9.88	10.06	92	94	1.8
Trichloroethene (TCE)	0.0	10.50	10.49	10.70	100	102	2.0
Toluene	0.0	10.80	9.94	10.09	92	93	1.5
Tetrachloroethene (PCE)	0.0	10.50	11.01	11.28	105	107	2.4
Chlorobenzene	0.0	10.80	10.63	10.47	98	97	1.5
Ethylbenzene	0.0	10.60	10.25	10.27	97	97	0.2
m & p-Xylene	0.0	21.20	20.84	20.41	98	96	2.1
o-Xylene	0.0	10.60	10.47	10.42	99	98	0.5

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/20/2024 | **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 112024*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	104%	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 112024*	*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 : 11/20/2024 | **INSTRUMENT ID : GC/MS-04**
MATRIX : Air | **ANALYST : DL**
UNITS : PPB (v/v) | **DILUTION FACTOR[1] : x1.44**

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242827-67330

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	10.5	10.6	1.2
Chlorodifluoromethane	<SRL	<SRL	
Propene	25.6	25.4	0.7
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	42.2	41.3	2.1
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	214	214	0.2
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	43.1	43.8	1.6
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone	52.3	51.8	0.9
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	12.7	12.8	0.9
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	<SRL	<SRL	
TertButanol (TBA)	1.41	1.38	2.1
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)	35.5	34.4	3.3
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	<SRL	<SRL	
Chloroform	<SRL	<SRL	
Ethyl Acetate	2.44	2.41	1.2
Tetrahydrofuran	47.9	47.7	0.5
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	37.2	36.6	1.7
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)	1.86	1.86	0.0
trans-1,3-Dichloropropene	<SRL	<SRL	
1,1,2-Trichloroethane	<SRL	<SRL	
Toluene	4.02	3.97	1.4
2-Hexanone (MBK)	<SRL	<SRL	
Dibromochloromethane	<SRL	<SRL	
1,2-Dibromoethane	<SRL	<SRL	
Tetrachloroethene (PCE)	<SRL	<SRL	
Chlorobenzene	<SRL	<SRL	
Ethylbenzene	2.21	2.36	6.9
m & p-Xylene	2.26	2.19	3.2
Bromoform	<SRL	<SRL	
Styrene	<SRL	<SRL	
1,1,2,2-Tetrachloroethane	<SRL	<SRL	
o-Xylene	0.84	0.97	14.4
1,2,3-Trichloropropane	<SRL	<SRL	
Isopropylbenzene (Cumene)	0.85	0.84	1.7
α-Pinene	2.02	2.02	0.0
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	0.78	0.79	1.8
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)

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242827

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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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR	Lab ID
MS-06	67331	11-18-24	1201	tedlar 1	X	
MS-07	67332		1422		X	
MS-08	67333		1459		X	
MS-09	67334		1509		X	
MS-10	67335		1124		X	
MS-11	67336		1141		X	
MS-12	67337		1452		X	
SCV	67338		1105		X	
Chiquito Cyn Rd	67339		1442		X	
S. End Lincoln	67340		1446		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 11/18 Time	**Received By** Print: Signature:	Date 11/18/24 Time 1616
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242827

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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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name		Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR	Lab ID
MS-01	67341	~~67331~~	11/18/24	1256	tedlar 1	X	
MS-02	67342	~~67332~~		1334		X	
MS-03	67343	~~67333~~		1212		X	
MS-04	67344	~~67334~~		1356		X	
MS-05	67345	~~67335~~		1230		X	
Working Face	67346	~~67336~~		1323		X	
Reaction	67347	~~67337~~		1344		X	

11/18/24

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 11/18 Time	**Received By** Print: Signature:	Date 11/18/24 Time 1614
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 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	67314	11-18-24	1201	summa 1	X					
MS-07	67315		1422		X					
MS-08	67316		1459		X					
MS-09	67317		1509		X					
MS-10	67318		1124		X					
MS-11 67319	~~67320~~		1141		X					
MS-12	67320		1452		X					
SCV	67321		1105		X					
Chiquito Cyn Rd	67322		1442		X					
S. End Lincoln	67323	↓	1446		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 Dawalos Signature: ND	Date 11/18 Time	**Received By** Print: Signature:	Date 11/18/24 Time 1616
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242827

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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	67324	11-18-21	1256	summa 1	X				
MS-02	67325		1334		X				
MS-03	67326		1212		X				
MS-04	67327		1356		X				
MS-05	67328		1232		X				
Working Face	67329		1323		X				
Reaction	67330		1344		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 11/18 Time	**Received By** Print: Signature:	Date 11/18/21 Time 1616
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.	: 242827
REPORT DATE	: 11/21/2024

On November 18th 2024, 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	242827-67331	S. End Lincoln	242827-67340
MS-07	242827-67332	MS-01	242827-67341
MS-08	242827-67333	MS-02	242827-67342
MS-09	242827-67334	MS-03	242827-67343
MS-10	242827-67335	MS-04	242827-67344
MS-11	242827-67336	MS-05	242827-67345
MS-12	242827-67337	Working Face	242827-67346
SCV	242827-67338	Reaction	242827-67347
Chiquito Cyn Rd	242827-67339	-	-

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. : 242827
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/18/2024
RECEIVING DATE : 11/18/2024
ANALYSIS DATE : 11/18-19/2024
REPORT DATE : 11/21/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	242827-67331	242827-67332	242827-67333	242827-67334	242827-67335	242827-67336
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. : 242827
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/18/2024
RECEIVING DATE : 11/18/2024
ANALYSIS DATE : 11/18-19/2024
REPORT DATE : 11/21/2024

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	242827-67337	242827-67338	242827-67339	242827-67340	242827-67341	242827-67342
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. : 242827
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/18/2024
RECEIVING DATE : 11/18/2024
ANALYSIS DATE : 11/19/2024
REPORT DATE : 11/21/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	242827-67343	242827-67344	242827-67345	242827-67346	242827-67347
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	**0.104**
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	**0.104**

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: 11/18/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11838.16	519	101.7	0.7
Duplicate	11978.44	525	102.9	1.9
Triplicate	11453.91	502	98.4	2.6

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10503.16	518	103.3	1.8
Duplicate	10435.88	515	102.6	1.1
Triplicate	10027	495	98.6	2.9

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15083.52	513	103.2	0.2
Duplicate	15340.34	522	105.0	1.5
Triplicate	14924	508	102.1	1.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	241.3	246.5	94.5	96.6	2.1
MeSH	<PQL	250.9	249.9	249.3	99.6	99.4	0.3
DMS	<PQL	248.5	256.3	256.8	103.1	103.3	0.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	528.4	103.5
MeSH	501.8	508.2	101.3
DMS	497.0	529.3	106.5

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/18/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7248	0.509	99.7	0.4
Duplicate	7195	0.506	99.0	0.3
Triplicate	7206	0.506	99.1	0.1

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6128	0.511	101.8	0.6
Duplicate	6181	0.516	102.7	0.2
Triplicate	6191	0.516	102.9	0.4

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8881	0.518	104.3	0.5
Duplicate	8761	0.511	102.9	0.8
Triplicate	8863	0.517	104.1	0.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.266	0.261	104.1	102.2	1.9
MeSH	<PQL	0.251	0.262	0.260	104.4	103.6	0.8
DMS	<PQL	0.249	0.261	0.261	105.0	105.0	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.485	94.9
MeSH	0.502	0.488	97.2
DMS	0.497	0.491	98.8

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/19/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11468.97	503	98.5	0.6
Duplicate	11549.47	506	99.2	0.1
Triplicate	11602.46	509	99.7	0.5

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10037.23	495	98.7	0.3
Duplicate	10146.47	500	99.7	0.8
Triplicate	10027	495	98.6	0.4

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	14703.6	500	100.6	0.2
Duplicate	14819.27	504	101.4	0.5
Triplicate	14693	500	100.6	0.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242827-67340**

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 242827-67340 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	245.3	255.2	96.1	100.0	3.9
MeSH	<PQL	250.9	255.1	252.3	101.7	100.5	1.1
DMS	<PQL	248.5	256.7	258.6	103.3	104.0	0.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	534.3	104.7
MeSH	501.8	497.1	99.1
DMS	497.0	534.0	107.4

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/19/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6940	0.488	95.4	1.9
Duplicate	7277	0.511	100.1	2.8
Triplicate	7016	0.493	96.5	0.9

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5909	0.493	98.2	1.9
Duplicate	6090	0.508	101.2	1.1
Triplicate	6077	0.507	101.0	0.9

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8441	0.493	99.1	1.9
Duplicate	8620	0.503	101.2	0.2
Triplicate	8742	0.510	102.7	1.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242827-67341**

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 242827-67341 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.253	0.249	99.0	97.5	1.6
MeSH	<PQL	0.251	0.250	0.235	99.6	93.6	6.2
DMS	<PQL	0.249	0.260	0.260	104.6	104.6	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.548	107.2
MeSH	0.502	0.515	102.6
DMS	0.497	0.536	107.8

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

242827

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	67331	11-18-24	1201	tedlar 1	X				
MS-07	67332		1422		X				
MS-08	67333		1459		X				
MS-09	67334		1509		X				
MS-10	67335		1124		X				
MS-11	67336		1141		X				
MS-12	67337		1452		X				
SCV	67338		1105		X				
Chiquito Cyn Rd	67339		1442		X				
S. End Lincoln	67340		1446		X				

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/18 Time	**Received By** Print: Signature:	Date 11/18/24 Time 1616
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242827

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 Dawalas
Signature: ND

Client Sample Name		Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR	Lab ID
MS-01	67341	~~67331~~	11/18/24	1256	tedlar 1	X	
MS-02	67342	~~67332~~		1334		X	
MS-03	67343	~~67333~~		1212		X	
MS-04	67344	~~67334~~		1356		X	
MS-05	67345	~~67335~~		1235		X	
Working Face	67346	~~67336~~		1323		X	
Reaction	67347	~~67337~~		1344		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 Dawalas Signature: ND	Date 11/18 Time	**Received By** Print: Signature:	Date 11/18/24 Time 1614
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242827

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS	LAB USE ONLY: Lab ID
MS-06	67314	11-18-24	1201	summa 1	X	
MS-07	67315		1422		X	
MS-08	67316		1459		X	
MS-09	67317		1509		X	
MS-10	67318		1124		X	
MS-11 67319	~~67320~~	11/18/24	1141		X	
MS-12	67320		1452		X	
SCV	6732 1		1105		X	
Chiquito Cyn Rd	67322		1442		X	
S. End Lincoln	67323	↓	1446		X	

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/18 Time	**Received By** Print: Signature:	Date 11/18/24 Time 1616
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

D/O - 17 + Cans

242827

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS					Lab ID
MS-01	67324	11-18-21	1256	summa 1	X					
MS-02	67325		1334		X					
MS-03	67326		1212		X					
MS-04	67327		1356		X					
MS-05	67328		1232		X					
Working Face	67329		1323		X					
Reaction	67330		1344		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 11/18 Time	**Received By** Print: Signature:	Date 11/18/21 Time 1616
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

CLIENT	:	SCS Engineers
PROJECT NAME	:	Chiquita
PROJECT NUMBER	:	01204123.21 TASK 22
AAC PROJECT NO.	:	242913
REPORT DATE	:	11/27/2024

On November 25th 2024, 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	242913-67837	S. End Lincoln	242913-67846
MS-07	242913-67838	MS-01	242913-67847
MS-08	242913-67839	MS-02	242913-67848
MS-09	242913-67840	MS-03	242913-67849
MS-10	242913-67841	MS-04	242913-67850
MS-11	242913-67842	MS-05	242913-67851
MS-12	242913-67843	Working Face	242913-67852
SCV	242913-67844	Reaction	242913-67853
Chiquito Cyn Rd	242913-67845	-	-

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. : 242913
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/25/2024
RECEIVING DATE : 11/25/2024
ANALYSIS DATE : 11/25-26/2024
REPORT DATE : 11/27/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	242913-67837	242913-67838	242913-67839	242913-67840	242913-67841	242913-67842
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. : 242913
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/25/2024
RECEIVING DATE : 11/25/2024
ANALYSIS DATE : 11/25-26/2024
REPORT DATE : 11/27/2024

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	242913-67843	242913-67844	242913-67845	242913-67846	242913-67847	242913-67848
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. : 2429313
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/25/2024
RECEIVING DATE : 11/25/2024
ANALYSIS DATE : 11/25-26/2024
REPORT DATE : 11/27/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	242913-67849	242913-67850	242913-67851	242913-67852	242913-67853
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: 11/25/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11607.69	509	99.7	1.5
Duplicate	11339.51	497	97.4	0.8
Triplicate	11349.92	498	97.5	0.7

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10212.1	504	100.4	0.6
Duplicate	10280.95	507	101.1	0.1
Triplicate	10323	509	101.5	0.5

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15231.78	518	104.3	0.5
Duplicate	15091.28	513	103.3	0.4
Triplicate	15143	515	103.6	0.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	248.9	249.6	97.5	97.8	0.3
MeSH	<PQL	250.9	255.1	255.7	101.7	101.9	0.2
DMS	<PQL	248.5	252.1	252.8	101.4	101.7	0.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	514.9	100.9
MeSH	501.8	500.0	99.6
DMS	497.0	519.5	104.5

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/25/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7018	0.493	96.5	0.6
Duplicate	7064	0.496	97.2	0.0
Triplicate	7102	0.499	97.7	0.6

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6107	0.509	101.5	0.8
Duplicate	6007	0.501	99.8	0.9
Triplicate	6070	0.506	100.9	0.2

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8782	0.513	103.1	0.1
Duplicate	8816	0.515	103.5	0.3
Triplicate	8771	0.512	103.0	0.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.262	0.253	102.5	99.0	3.5
MeSH	<PQL	0.251	0.251	0.256	100.0	102.0	2.0
DMS	<PQL	0.249	0.260	0.260	104.6	104.6	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.480	93.9
MeSH	0.502	0.492	98.0
DMS	0.497	0.496	99.8

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/26/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7125	0.501	98.0	0.7
Duplicate	7150	0.502	98.3	0.4
Triplicate	7255	0.510	99.8	1.1

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6133	0.512	101.9	1.7
Duplicate	5899	0.492	98.0	2.2
Triplicate	6065	0.506	100.8	0.5

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8683	0.507	102.0	1.3
Duplicate	8776	0.512	103.1	0.2
Triplicate	8924	0.521	104.8	1.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242913-67847**

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 242913-67847 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.261	0.242	102.2	94.7	7.6
MeSH	<PQL	0.251	0.242	0.253	96.4	100.8	4.4
DMS	<PQL	0.249	0.260	0.260	104.6	104.6	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.483	94.5
MeSH	0.502	0.497	99.0
DMS	0.497	0.512	103.0

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/26/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11363.61	498	97.6	0.0
Duplicate	11437.42	501	98.2	0.7
Triplicate	11277.21	494	96.9	0.7

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10210.48	504	100.4	0.4
Duplicate	10249.34	506	100.8	0.8
Triplicate	10058	496	98.9	1.1

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15145.07	515	103.7	1.1
Duplicate	14708.99	500	100.7	1.8
Triplicate	15092	513	103.3	0.7

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242913-67846**

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 242913-67846 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	249.5	245.6	97.8	96.2	1.6
MeSH	<PQL	250.9	251.5	248.3	100.2	99.0	1.3
DMS	<PQL	248.5	259.8	258.1	104.5	103.9	0.6

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	532.0	104.2
MeSH	501.8	540.3	107.7
DMS	497.0	542.5	109.1

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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

242913

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

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

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

AAC Project No.:

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR	Lab ID
MS-06	67837	11-25-24	1207	tedlar 1	X	
MS-07	67838		1349		X	
MS-08	67839		1419		X	
MS-09	67840		1429		X	
MS-10	67841		1126		X	
MS-11	67842		1146		X	
MS-12	67843		1411		X	
SCV	67844		1117		X	
Chiquito Cyn Rd	67845		1357		X	
S. End Lincoln	67846		1404		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 11/25 Time	**Received By** Print: Signature:	Date 11/25/24 Time 1540
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242913

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

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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

AAC Project No.:

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR	Lab ID
MS-01	67847	11-25-21	1239	tedlar 1	X	
MS-02	67848		1337		X	
MS-03	67849		1215		X	
MS-04	67850		1325		X	
MS-05	67851		1227		X	
Working Face	67852		1251		X	
Reaction	67853	↓	1305		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 11/25 Time	**Received By** Print: Signature:	Date 11/25/21 Time 1540
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242913

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-06	67820	11-25-24	1207	summa 1	X					
MS-07	67821		1349		X					
MS-08	67822		1419		X					
MS-09	67823		1429		X					
MS-10	67824		1126		X					
MS-11	67825		1146		X					
MS-12	67826		1411		X					
SCV	67827		1117		X					
Chiquito Cyn Rd	67828		1357		X					
S. End Lincoln	67829		1404		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 11/25 Time	**Received By** Print: Signature:	Date 11/25/24 Time 1540
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

9/6 - 17 x cans

242913

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS					LAB USE ONLY Lab ID
MS-01	67830	11/25/24	1239	summa 1	X					
MS-02	67831		1337		X					
MS-03	67832		1215		X					
MS-04	67833		1325		X					
MS-05	67834		1227		X					
Working Face	67835		1251		X					
Reaction	67836		1305		X					

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/25 Time	**Received By** Print: Signature:	Date 11/25/24 Time 1540
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.	: 242913
REPORT DATE	: 12/02/2024

On November 25, 2024, 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	242913-67820	732.5	S End Lincoln	242913-67829	716.5
MS-07	242913-67821	718.5	MS-01	242913-67830	724.5
MS-08	242913-67822	703.0	MS-02	242913-67831	719.0
MS-09	242913-67823	712.0	MS-03	242913-67832	732.5
MS-10	242913-67824	732.0	MS-04	242913-67833	702.5
MS-11	242913-67825	710.5	MS-05	242913-67834	729.0
MS-12	242913-67826	712.5	Working Face	242913-67835	724.0
SCV	242913-67827	730.0	Reaction	242913-67836	720.5
Chiquito Cyn Rd	242913-67828	717.5	--	--	--

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 29 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67820				242913-67821				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.39				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.39	<SRL	U	1	1.41	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	6.97	<SRL	U	1	7.07	5.00
Methanol	<SRL	U	1	6.97	<SRL	U	1	7.07	5.00
1,3-Butadiene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.79	<SRL	U	1	2.83	2.00
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.39	<SRL	U	1	1.41	1.00
Acetone	7.54		1	2.79	2.93		1	2.83	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.79	<SRL	U	1	2.83	2.00
Acrylonitrile	<SRL	U	1	1.39	<SRL	U	1	1.41	1.00
1,1-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.39	<SRL	U	1	1.41	1.00
TertButanol (TBA)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.39	<SRL	U	1	1.41	1.00
Carbon Disulfide	<SRL	U	1	2.79	<SRL	U	1	2.83	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.39	<SRL	U	1	1.41	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67820				242913-67821				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.39				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.71	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	1.39	<SRL	U	1	1.41	1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	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	1.39	<SRL	U	1	1.41	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	1.39	<SRL	U	1	1.41	1.00
Bromoform	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	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		110%				111%			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 : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67822				242913-67823				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.45				1.44				
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	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.26	<SRL	U	1	7.21	5.00
Methanol	<SRL	U	1	7.26	<SRL	U	1	7.21	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.90	<SRL	U	1	2.88	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	1.44	1.00
Acetone	<SRL	U	1	2.90	3.12		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.90	<SRL	U	1	2.88	2.00
Acrylonitrile	<SRL	U	1	1.45	<SRL	U	1	1.44	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	1.44	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	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.90	<SRL	U	1	2.88	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	1.44	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 : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67822				242913-67823				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.45				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.44	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.44	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.44	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		112%				92%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67824				242913-67825				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.39				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.39	<SRL	U	1	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	6.95	<SRL	U	1	7.19	5.00
Methanol	<SRL	U	1	6.95	<SRL	U	1	7.19	5.00
1,3-Butadiene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.78	<SRL	U	1	2.87	2.00
Vinyl Bromide	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.39	<SRL	U	1	1.44	1.00
Acetone	3.90		1	2.78	<SRL	U	1	2.87	2.00
Trichlorofluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.78	<SRL	U	1	2.87	2.00
Acrylonitrile	<SRL	U	1	1.39	<SRL	U	1	1.44	1.00
1,1-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.39	<SRL	U	1	1.44	1.00
TertButanol (TBA)	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Allyl Chloride	<SRL	U	1	1.39	<SRL	U	1	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.78	<SRL	U	1	2.87	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,1-Dichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Vinyl Acetate	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
2-Butanone (MEK)	<SRL	U	1	1.39	<SRL	U	1	1.44	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.69	<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 : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67824				242913-67825				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.39				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.39	<SRL	U	1	1.44	1.00
Trichloroethene (TCE)	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.39	<SRL	U	1	1.44	1.00
Dibromochloromethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.39	<SRL	U	1	1.44	1.00
Bromoform	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Styrene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
o-Xylene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
α-Pinene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
2-Chlorotoluene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
n-Propylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
4-Ethyltoluene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
β-Pinene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Sec-ButylBenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
n-ButylBenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Naphthalene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
Hexachlorobutadiene	<SRL	U	1	0.69	<SRL	U	1	0.72	0.50
BFB-Surrogate Std. % Recovery		110%				107%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67826				242913-67827				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
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	<SRL	U	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	7.04	5.00
Methanol	<SRL	U	1	7.14	8.48		1	7.04	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	3.65		1	2.85	<SRL	U	1	2.82	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	4.31		1	2.85	3.83		1	2.82	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	2.82	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.41	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.70	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	2.85	<SRL	U	1	2.82	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<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	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67826				242913-67827				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
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		111%				110%			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 : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67828				242913-67829				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloromethane	0.84		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	7.10	<SRL	U	1	7.12	5.00
Methanol	<SRL	U	1	7.10	<SRL	U	1	7.12	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.84	<SRL	U	1	2.85	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Acetone	3.08		1	2.84	<SRL	U	1	2.85	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.84	<SRL	U	1	2.85	2.00
Acrylonitrile	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.84	<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	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67828				242913-67829				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.42				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	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		111%				112%			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 : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67830				242913-67831				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.49				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.49	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.44	<SRL	U	1	7.10	5.00
Methanol	<SRL	U	1	7.44	<SRL	U	1	7.10	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.97	<SRL	U	1	2.84	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.49	<SRL	U	1	1.42	1.00
Acetone	6.53		1	2.97	3.86		1	2.84	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.97	<SRL	U	1	2.84	2.00
Acrylonitrile	<SRL	U	1	1.49	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.49	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.49	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.97	<SRL	U	1	2.84	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.49	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67830				242913-67831				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.49				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.49	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.49	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.49	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		115%				111%			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 : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67832				242913-67833				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.40				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.40	1.75		1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	6.99	<SRL	U	1	7.29	5.00
Methanol	<SRL	U	1	6.99	8.79		1	7.29	5.00
1,3-Butadiene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.80	9.67		1	2.92	2.00
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.40	<SRL	U	1	1.46	1.00
Acetone	7.26		1	2.80	5.82		1	2.92	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.80	<SRL	U	1	2.92	2.00
Acrylonitrile	<SRL	U	1	1.40	<SRL	U	1	1.46	1.00
1,1-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.40	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.40	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.80	<SRL	U	1	2.92	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.40	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.70	1.41		1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.70	1.94		1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67832				242913-67833				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.40				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.40	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.40	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.40	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.70	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		112%				114%			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 : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67834				242913-67835				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
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	6.99	<SRL	U	1	7.04	5.00
Methanol	<SRL	U	1	6.99	<SRL	U	1	7.04	5.00
1,3-Butadiene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Bromomethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Chloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Dichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Ethanol	<SRL	U	1	2.80	17.7		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	6.57		1	2.80	6.32		1	2.81	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	0.93		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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67834				242913-67835				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/26/2024				11/26/2024				
Can Dilution Factor	1.40				1.41				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
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		110%				113%			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 : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67836				
Date Sampled	11/25/2024				
Date Analyzed	11/26/2024				
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	1.47		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	34.4		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	13.3		1	2.83	2.00
Vinyl Bromide	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.41	1.00
Acetone	7.51		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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242913
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
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	242913-67836				
Date Sampled	11/25/2024				
Date Analyzed	11/26/2024				
Can Dilution Factor	1.41				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	1.41		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	1.17		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	1.41	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
ß-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		114%			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 : 242913
MATRIX : AIR

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethyl Sulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242913-67820	11/25/2024	11/26/2024	<SRL	U	1.39	1.0	110%
MS-07	242913-67821	11/25/2024	11/26/2024	<SRL	U	1.41	1.0	111%
MS-08	242913-67822	11/25/2024	11/26/2024	<SRL	U	1.45	1.0	112%
MS-09	242913-67823	11/25/2024	11/26/2024	<SRL	U	1.44	1.0	92%
MS-10	242913-67824	11/25/2024	11/26/2024	<SRL	U	1.39	1.0	110%
MS-11	242913-67825	11/25/2024	11/26/2024	<SRL	U	1.44	1.0	107%
MS-12	242913-67826	11/25/2024	11/26/2024	<SRL	U	1.43	1.0	111%
SCV	242913-67827	11/25/2024	11/26/2024	<SRL	U	1.41	1.0	110%
Chiquito Cyn Rd	242913-67828	11/25/2024	11/26/2024	<SRL	U	1.42	1.0	111%
S End Lincoln	242913-67829	11/25/2024	11/26/2024	<SRL	U	1.42	1.0	112%
MS-01	242913-67830	11/25/2024	11/26/2024	<SRL	U	1.49	1.0	115%
MS-02	242913-67831	11/25/2024	11/26/2024	<SRL	U	1.42	1.0	111%
MS-03	242913-67832	11/25/2024	11/26/2024	<SRL	U	1.40	1.0	112%
MS-04	242913-67833	11/25/2024	11/26/2024	<SRL	U	1.46	1.0	114%
MS-05	242913-67834	11/25/2024	11/26/2024	<SRL	U	1.40	1.0	110%
Working Face	242913-67835	11/25/2024	11/26/2024	<SRL	U	1.41	1.0	113%
Reaction	242913-67836	11/25/2024	11/26/2024	4.54		1.41	1.0	114%

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

RL - Reporting Limit

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

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

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Laboratory Analysis Report

Limonene via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 242913
MATRIX : AIR

DATE RECEIVED : 11/25/2024
DATE REPORTED : 12/02/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242913-67820	11/25/2024	11/26/2024	<SRL	U	1.39	1.0	110%
MS-07	242913-67821	11/25/2024	11/26/2024	<SRL	U	1.41	1.0	111%
MS-08	242913-67822	11/25/2024	11/26/2024	<SRL	U	1.45	1.0	112%
MS-09	242913-67823	11/25/2024	11/26/2024	<SRL	U	1.44	1.0	92%
MS-10	242913-67824	11/25/2024	11/26/2024	<SRL	U	1.39	1.0	110%
MS-11	242913-67825	11/25/2024	11/26/2024	<SRL	U	1.44	1.0	107%
MS-12	242913-67826	11/25/2024	11/26/2024	<SRL	U	1.43	1.0	111%
SCV	242913-67827	11/25/2024	11/26/2024	<SRL	U	1.41	1.0	110%
Chiquito Cyn Rd	242913-67828	11/25/2024	11/26/2024	<SRL	U	1.42	1.0	111%
S End Lincoln	242913-67829	11/25/2024	11/26/2024	<SRL	U	1.42	1.0	112%
MS-01	242913-67830	11/25/2024	11/26/2024	<SRL	U	1.49	1.0	115%
MS-02	242913-67831	11/25/2024	11/26/2024	<SRL	U	1.42	1.0	111%
MS-03	242913-67832	11/25/2024	11/26/2024	<SRL	U	1.40	1.0	112%
MS-04	242913-67833	11/25/2024	11/26/2024	<SRL	U	1.46	1.0	114%
MS-05	242913-67834	11/25/2024	11/26/2024	<SRL	U	1.40	1.0	110%
Working Face	242913-67835	11/25/2024	11/26/2024	<SRL	U	1.41	1.0	113%
Reaction	242913-67836	11/25/2024	11/26/2024	<SRL	U	1.41	1.0	114%

* 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 : 11/26/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	11.31	120
Chlorodifluoromethane	10.20	9.40	92
Propene	10.70	8.73	82
Dichlorodifluoromethane	10.40	11.09	107
Dimethyl Ether	10.10	8.34	83
Chloromethane	10.50	8.69	83
Dichlorotetrafluoroethane	10.20	10.03	98
Vinyl Chloride	10.60	8.50	80
Acetaldehyde	20.90	16.57	79
Methanol	20.40	14.59	72
1,3-Butadiene	10.70	9.47	89
Bromomethane	10.40	9.08	87
Chloroethane	10.40	8.03	77
Dichlorofluoromethane	10.10	8.96	89
Ethanol	11.40	10.05	88
Vinyl Bromide	10.10	9.64	95
Acrolein	10.90	9.90	91
Acetone	10.60	8.56	81
Trichlorofluoromethane	10.50	13.16	125
2-Propanol (IPA)	11.00	9.84	89
Acrylonitrile	11.10	9.98	90
1,1-Dichloroethene	10.50	9.81	93
Methylene Chloride (DCM)	10.40	8.32	80
TertButanol (TBA)	11.20	10.62	95
Allyl Chloride	10.20	9.17	90
Carbon Disulfide	10.50	9.65	92
Trichlorotrifluoroethane	10.30	9.85	96
trans-1,2-Dichloroethene	10.80	10.26	95
1,1-Dichloroethane	10.70	9.15	86
Methyl Tert Butyl Ether (MTBE)	10.70	10.34	97
Vinyl Acetate	11.00	9.60	87
2-Butanone (MEK)	10.70	8.93	83
cis-1,2-Dichloroethene	10.70	10.06	94
Hexane	10.80	9.47	88
Chloroform	10.70	10.96	102
Ethyl Acetate	10.70	9.51	89
Tetrahydrofuran	10.40	8.21	79
1,2-Dichloroethane	10.60	11.98	113
1,1,1-Trichloroethane	10.50	12.88	123
Benzene	10.70	8.87	83
Carbon Tetrachloride	10.30	13.05	127
Cyclohexane	10.50	8.20	78

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	8.08	76
Bromodichloromethane	10.50	11.54	110
1,4-Dioxane	10.50	9.24	88
Trichloroethene (TCE)	10.50	10.63	101
2,2,4-Trimethylpentane	10.10	8.13	80
Methyl Methacrylate	11.00	8.68	79
Heptane	10.50	8.08	77
cis-1,3-Dichloropropene	10.50	9.56	91
4-Methyl-2-pentanone (MiBK)	10.50	8.27	79
trans-1,3-Dichloropropene	10.60	10.31	97
1,1,2-Trichloroethane	10.60	8.95	84
Toluene	10.80	9.45	88
2-Hexanone (MBK)	10.50	8.55	81
Dibromochloromethane	10.60	12.09	114
1,2-Dibromoethane	10.60	10.03	95
Tetrachloroethene (PCE)	10.50	11.73	112
Chlorobenzene	10.80	10.47	97
Ethylbenzene	10.60	9.92	94
m & p-Xylene	21.20	20.66	97
Bromoform HR	10.60	13.91	131
Styrene	10.60	10.59	100
1,1,2,2-Tetrachloroethane	10.60	8.37	79
o-Xylene	10.60	10.27	97
1,2,3-Trichloropropane	11.00	11.79	107
Isopropylbenzene (Cumene)	10.40	10.29	99
α-Pinene	10.80	10.47	97
2-Chlorotoluene	10.30	11.04	107
n-Propylbenzene	10.10	10.45	103
4-Ethyltoluene	10.40	10.48	101
1,3,5-Trimethylbenzene	10.30	10.63	103
β-Pinene	10.90	9.13	84
1,2,4-Trimethylbenzene	10.30	10.38	101
Benzyl Chloride (a-Chlorotoluene)	10.30	11.22	109
1,3-Dichlorobenzene HR	10.30	13.76	134
1,4-Dichlorobenzene	10.20	11.17	110
Sec-ButylBenzene	10.00	9.51	95
1,2-Dichlorobenzene	10.40	11.11	107
n-ButylBenzene	10.20	11.07	109
1,2-Dibromo-3-Chloropropane	10.10	11.64	115
1,2,4-Trichlorobenzene	10.50	12.97	124
Naphthalene	10.90	11.20	103
Hexachlorobutadiene HR	10.80	15.12	140

[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.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/26/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	11.31	11.21	120	119	0.9
1,1-Dichloroethene	0.0	10.50	9.81	10.47	93	100	6.5
Methylene Chloride (DCM)	0.0	10.40	8.32	9.14	80	88	9.4
Benzene	0.0	10.70	8.87	9.11	83	85	2.7
Trichloroethene (TCE)	0.0	10.50	10.63	11.00	101	105	3.4
Toluene	0.0	10.80	9.45	9.68	88	90	2.4
Tetrachloroethene (PCE)	0.0	10.50	11.73	12.31	112	117	4.8
Chlorobenzene	0.0	10.80	10.47	10.49	97	97	0.2
Ethylbenzene	0.0	10.60	9.92	9.93	94	94	0.1
m & p-Xylene	0.0	21.20	20.66	21.05	97	99	1.9
o-Xylene	0.0	10.60	10.27	10.23	97	97	0.4

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/26/2024
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 112624*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	114%	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 112624*	*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 : 11/26/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x8.43

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242799-67193

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	10.9	10.5	3.7
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<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	345	351	1.6
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)

242913

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					Lab ID
MS-06	67837	11-25-24	1207	tedlar 1	X					
MS-07	67838		1349		X					
MS-08	67839		1419		X					
MS-09	67840		1429		X					
MS-10	67841		1126		X					
MS-11	67842		1146		X					
MS-12	67843		1411		X					
SCV	67844		1117		X					
Chiquito Cyn Rd	67845		1357		X					
S. End Lincoln	67846		1404		X					

LAB USE ONLY

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/25 Time	**Received By** Print: Signature:	Date 11/25/24 Time 1540
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242913

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR
MS-01	67847	11-25-21	1239	tedlar 1	X
MS-02	67848		1337		X
MS-03	67849		1215		X
MS-04	67850		1325		X
MS-05	67851		1227		X
Working Face	67852		1251		X
Reaction	67853		1305		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 11/25 Time	**Received By** Print: Signature:	Date 11/25/21 Time 1540
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242913

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-06	67820	11-25-24	1207	summa 1	X					
MS-07	67821		1349		X					
MS-08	67822		1419		X					
MS-09	67823		1429		X					
MS-10	67824		1126		X					
MS-11	67825		1146		X					
MS-12	67826		1411		X					
SCV	67827		1117		X					
Chiquito Cyn Rd	67828		1357		X					
S. End Lincoln	67829		1404		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** 11/25 **Time**	**Received By** Print: H Signature:	**Date** 11/25/24 **Time** 1540
Relinquished By Print: Signature:	**Date** **Time**	**Received By** Print: Signature:	**Date** **Time**

Dlo - 17 x cans

242913

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-01	67830	11/25/24	1239	summa 1	X					
MS-02	67831		1337		X					
MS-03	67832		1215		X					
MS-04	67833		1325		X					
MS-05	67834		1227		X					
Working Face	67835		1251		X					
Reaction	67836		1305		X					

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 11/25 Time	**Received By** Print: Signature:	Date 11/25/24 Time 1540
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

ATTACHMENT B

ODOR SAMPLE DATA

Odor Samples November 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	11/4/2024	12:22	Vegetation	11/5/2024	11:45 AM	1768	stale, musty
	MS-02	11/4/2024	13:02	Trash	11/5/2024	12:00 PM	1250	fuel, petroleum
	MS-03	11/4/2024	11:44	Vegetation	11/5/2024	12:30 PM	992	vegetation, naturally offensive
	MS-04	11/4/2024	12:40	Vegetation	11/5/2024	11:25 AM	884	musty, stale, plastic
	MS-05	11/4/2024	12:06	Vegetation/Whiff of leachate	11/5/2024	9:55 AM	1403	pungent, putrid
	Working/Active	11/4/2024	13:13	Trash	11/5/2024	10:10 AM	1403	naturally offensive, vegetation
	Reaction	11/4/2024	12:50	Leachate	11/5/2024	10:20 AM	19999	trash, rancid, garbage
Off-Site	MS-06	11/4/2024	11:25	Vegetation	11/5/2024	EMPTY SAMPLE		
	MS-07	11/4/2024	13:35	Trash	11/5/2024	12:55 PM	1339	Stale, sour, rubber
	MS-08	11/4/2024	14:06	Vegetation	11/5/2024	11:00 AM	1113	plastic
	MS-09	11/4/2024	14:18	Vegetation	11/5/2024	9:00 AM	884	stale, musty
	MS-10	11/4/2024	10:45	Vegetation	11/5/2024	10:35 AM	1403	naturally offensive, vegetation
	MS-11	11/4/2024	11:00	Vegetation	11/5/2024	10:50 AM	1768	synthetic, plastic, putrid
	MS-12	11/4/2024	14:00	Vegetation	11/5/2024	9:30 AM	1250	plastic
	SCV	11/4/2024	10:36	Vegetation	11/5/2024	9:45 AM	1768	vegetation
	Chiquito	11/4/2024	13:44	Leachate	11/5/2024	9:15 AM	2227	fresh, plastic
	S End Lincoln	11/4/2024	13:51	Vegetation	11/5/2024	11:10 AM	1768	synthetic, plastic

Odor Samples November 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	11/11/2024	12:55	Leachate	11/12/2024	10:30 AM	1113	Plastic, Fresh
	MS-02	11/11/2024	13:26	Cinnamon	11/12/2024	11:25 AM	1768	Vegetative
	MS-03	11/11/2024	12:24	Vegetation	11/12/2024	9:15 AM	884	Vegetative
	MS-04	11/11/2024	13:09	Vegetation	11/12/2024	9:45 AM	1403	Paint, Nail Polish Removal
	MS-05	11/11/2024	12:38	Vegetation	11/12/2024	11:40 AM	1768	Vegetative, Earthy
	Working/Active	11/11/2024	13:37	Trash	11/12/2024	10:45 AM	2030	Earthy, Sweet
	Reaction	11/11/2024	13:17	Leachate	11/12/2024	10:00 AM	8409	Rancid, Putrid, Trash
Off-Site	MS-06	11/11/2024	12:15	Vegetation/Whiff of trash	11/12/2024	12:51 PM	12:00 AM	
	MS-07	11/11/2024	13:50	Vegetation	11/12/2024	9:30 AM	1250	Mechanical, Machines
	MS-08	11/11/2024	14:17	Vegetation	11/12/2024	12:36 PM	1250	Clean
	MS-09	11/11/2024	14:26	Vegetation	11/12/2024	1:04 PM	2227	
	MS-10	11/11/2024	11:38	Vegetation	11/12/2024	11:15 AM	1051	Sweet, Pleasant
	MS-11	11/11/2024	11:56	Vegetation	11/12/2024	11:55 AM	743	Offensive, Mechanical
	MS-12	11/11/2024	14:11	Vegetation	11/12/2024	12:22 PM	2500	Vegetative, Earthy
	SCV	11/11/2024	11:30	Vegetation	11/12/2024	9:00 AM	1768	Plastic
	Chiquito	11/11/2024	13:57	Vegetation	11/12/2024	10:15 AM	2102	Industrial, not offensive
	S End Lincoln	11/11/2024	14:05	Vegetation	11/12/2024	12:10 PM	1768	

Odor Samples November 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	11/18/2024	12:56	Vegetation	11/19/2024	9:15 AM	625	Not Offensive, Clean
	MS-02	11/18/2024	13:39	Cinnamon	11/19/2024	12:45 PM	884	Paint
	MS-03	11/18/2024	12:12	Vegetation	11/19/2024	9:00 AM	442	Fresh
	MS-04	11/18/2024	13:56	Vegetation	11/19/2024	11:15 AM	3536	Petroleum, Plastic
	MS-05	11/18/2024	12:32	Dirt	11/19/2024	11:45 AM	1768	Petroleum, Nasty
	Working/Active	11/18/2024	13:23	Trash	11/19/2024	1:03 PM	3535	Rotten
	Reaction	11/18/2024	13:44	Leachate	11/19/2024	10:15 AM	11891	Trash, Putrid, Rancid
Off-Site	MS-06	11/18/2024	12:01	Vegetation	11/19/2024	12:00 PM	12:00 AM	
	MS-07	11/18/2024	14:22	Vegetation	11/19/2024	1:20 PM	1486	Vegetation
	MS-08	11/18/2024	14:59	Vegetation	11/19/2024	10:00 AM	1403	Mechanical
	MS-09	11/18/2024	15:09	Vegetation	11/19/2024	12:15 PM	1250	Synthetic, Offensive, Manure
	MS-10	11/18/2024	11:24	Vegetation	11/19/2024	9:30 AM	1768	Fresh
	MS-11	11/18/2024	11:41	Vegetation	11/19/2024	10:45 AM	1250	Rubber, Tire
	MS-12	11/18/2024	14:52	Vegetation	11/19/2024	11:30 AM	1250	
	SCV	11/18/2024	11:05	Vegetation	11/19/2024	10:30 AM	1768	Asphalt
	Chiquito	11/18/2024	14:42		11/19/2024	9:45 AM	884	Clean, Plastic
	S End Lincoln	11/18/2024	14:46	Vegetation	11/19/2024	12:30 PM	1403	

Odor Samples November 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	11/25/2024	12:34	Vegetation	11/26/2024	9:30 AM	2590	Plastic, Sweet, Candy
	MS-02	11/25/2024	13:37	Dirt	11/26/2024	10:15 AM	1339	Paint
	MS-03	11/25/2024	12:15	Vegetation	11/26/2024	12:40 PM	625	Vegetation, Rotten
	MS-04	11/25/2024	13:25	Leachate	11/26/2024	1:25 PM	1768	Fresh, Clean, Popcorn
	MS-05	11/25/2024	12:27	Rain	11/26/2024	12:55 PM	1250	Vegetative
	Working/Active	11/25/2024	12:51	Trash	11/26/2024	11:35 AM	8409	
	Reaction	11/25/2024	13:05	Leachate	11/26/2024	10:00 AM	11891	Putrid, Rotten, Trash
Off-Site	MS-06	11/25/2024	12:07	Rain	11/26/2024	9:00 AM	<156	Vegetative, Pleasant, Fresh
	MS-07	11/25/2024	13:49	Vegetation	11/26/2024	10:30 AM	1760	Not Offensive
	MS-08	11/25/2024	14:19	Vegetation	11/26/2024	10:45 AM	701	
	MS-09	11/25/2024	14:29	Vegetation	11/26/2024	9:15 AM	625	Mechanical
	MS-10	11/25/2024	11:26	Vegetation	11/26/2024	9:45 AM	1486	Rubbery
	MS-11	11/25/2024	11:46	Vegetation	11/26/2024	12:10 PM	1486	Mechanical. Asphalt
	MS-12	11/25/2024	14:11	Vegetation	11/26/2024	1:10 PM	884	Clean
	SCV	11/25/2024	11:17	Vegetation	11/26/2024	11:55 AM	1250	Vegetative
	Chiquito	11/25/2024	13:57	Dirt	11/26/2024	12:25 PM	1486	Fresh, Sweet, Bubblegum, Clean
	S End Lincoln	11/25/2024	14:04	Vegetation	11/26/2024	11:00 AM	1051	Vegetative, Pleasant, Fresh

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. : 242691
REPORT DATE : 11/08/2024

On November 5, 2024, 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	242691-66648	741.0
MS-12	242691-66649	697.0
MS-08	242691-66650	363.5
MS-09	242691-66651	627.0
MS-10	242691-66652	678.5
MS-06	242691-66653	623.5
MS-11	242691-66654	576.5

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 20 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242691
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/05/2024
DATE REPORTED : 11/08/2024
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	242691-66648				242691-66649				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/07/2024				11/07/2024				
Can Dilution Factor	1.37				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.37	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	6.86	<SRL	U	1	7.34	5.00
Methanol	<SRL	U	1	6.86	<SRL	U	1	7.34	5.00
1,3-Butadiene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.74	<SRL	U	1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.37	<SRL	U	1	1.47	1.00
Acetone	4.57		1	2.74	4.14		1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.74	<SRL	U	1	2.94	2.00
Acrylonitrile	<SRL	U	1	1.37	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.37	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.37	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.74	<SRL	U	1	2.94	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.37	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242691
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/05/2024
DATE REPORTED : 11/08/2024
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	242691-66648				242691-66649				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/07/2024				11/07/2024				
Can Dilution Factor	1.37				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.37	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.37	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.37	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.69	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		99%				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 : 242691
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/05/2024
DATE REPORTED : 11/08/2024
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	242691-66650				242691-66651				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/07/2024				11/07/2024				
Can Dilution Factor	2.83				1.64				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Propene	<SRL	U	1	2.83	<SRL	U	1	1.64	1.00
Dichlorodifluoromethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Dimethyl Ether	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Chloromethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Dichlorotetrafluoroethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Vinyl Chloride	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Acetaldehyde	<SRL	U	1	14.2	<SRL	U	1	8.19	5.00
Methanol	<SRL	U	1	14.2	<SRL	U	1	8.19	5.00
1,3-Butadiene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Bromomethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Chloroethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Dichlorofluoromethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Ethanol	<SRL	U	1	5.66	<SRL	U	1	3.28	2.00
Vinyl Bromide	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Acrolein	<SRL	U	1	2.83	<SRL	U	1	1.64	1.00
Acetone	<SRL	U	1	5.66	3.96		1	3.28	2.00
Trichlorofluoromethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
2-Propanol (IPA)	<SRL	U	1	5.66	<SRL	U	1	3.28	2.00
Acrylonitrile	<SRL	U	1	2.83	<SRL	U	1	1.64	1.00
1,1-Dichloroethene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Methylene Chloride (DCM)	<SRL	U	1	2.83	<SRL	U	1	1.64	1.00
TertButanol (TBA)	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Allyl Chloride	<SRL	U	1	2.83	<SRL	U	1	1.64	1.00
Carbon Disulfide	<SRL	U	1	5.66	<SRL	U	1	3.28	2.00
Trichlorotrifluoroethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
trans-1,2-Dichloroethene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,1-Dichloroethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Vinyl Acetate	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
2-Butanone (MEK)	<SRL	U	1	2.83	<SRL	U	1	1.64	1.00
cis-1,2-Dichloroethene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Hexane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Chloroform	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Ethyl Acetate	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Tetrahydrofuran	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,2-Dichloroethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,1,1-Trichloroethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Benzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242691
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/05/2024
DATE REPORTED : 11/08/2024
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	242691-66650				242691-66651				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/07/2024				11/07/2024				
Can Dilution Factor	2.83				1.64				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Cyclohexane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,2-Dichloropropane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Bromodichloromethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,4-Dioxane	<SRL	U	1	2.83	<SRL	U	1	1.64	1.00
Trichloroethene (TCE)	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
2,2,4-Trimethylpentane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Methyl Methacrylate	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Heptane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
cis-1,3-Dichloropropene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
trans-1,3-Dichloropropene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,1,2-Trichloroethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Toluene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
2-Hexanone (MBK)	<SRL	U	1	2.83	<SRL	U	1	1.64	1.00
Dibromochloromethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,2-Dibromoethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Tetrachloroethene (PCE)	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Chlorobenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Ethylbenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
m & p-Xylene	<SRL	U	1	2.83	<SRL	U	1	1.64	1.00
Bromoform	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Styrene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
o-Xylene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,2,3-Trichloropropane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
α-Pinene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
2-Chlorotoluene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
n-Propylbenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
4-Ethyltoluene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
β-Pinene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,3-Dichlorobenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,4-Dichlorobenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Sec-ButylBenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,2-Dichlorobenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
n-ButylBenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Naphthalene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
Hexachlorobutadiene	<SRL	U	1	1.42	<SRL	U	1	0.82	0.50
BFB-Surrogate Std. % Recovery		95%				95%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242691
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/05/2024
DATE REPORTED : 11/08/2024
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	242691-66652				242691-66653				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/07/2024				11/07/2024				
Can Dilution Factor	1.51				1.65				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Propene	<SRL	U	1	1.51	<SRL	U	1	1.65	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Dimethyl Ether	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Chloromethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Acetaldehyde	<SRL	U	1	7.53	<SRL	U	1	8.23	5.00
Methanol	<SRL	U	1	7.53	<SRL	U	1	8.23	5.00
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Ethanol	<SRL	U	1	3.01	<SRL	U	1	3.29	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Acrolein	<SRL	U	1	1.51	<SRL	U	1	1.65	1.00
Acetone	3.24		1	3.01	3.69		1	3.29	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
2-Propanol (IPA)	<SRL	U	1	3.01	<SRL	U	1	3.29	2.00
Acrylonitrile	<SRL	U	1	1.51	<SRL	U	1	1.65	1.00
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.51	<SRL	U	1	1.65	1.00
TertButanol (TBA)	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Allyl Chloride	<SRL	U	1	1.51	<SRL	U	1	1.65	1.00
Carbon Disulfide	<SRL	U	1	3.01	<SRL	U	1	3.29	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
2-Butanone (MEK)	<SRL	U	1	1.51	<SRL	U	1	1.65	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Hexane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Chloroform	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Benzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242691
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/05/2024
DATE REPORTED : 11/08/2024
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	242691-66652				242691-66653				
Date Sampled	11/04/2024				11/04/2024				
Date Analyzed	11/07/2024				11/07/2024				
Can Dilution Factor	1.51				1.65				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,4-Dioxane	<SRL	U	1	1.51	<SRL	U	1	1.65	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Methyl Methacrylate	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Heptane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Toluene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
2-Hexanone (MBK)	<SRL	U	1	1.51	<SRL	U	1	1.65	1.00
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
m & p-Xylene	<SRL	U	1	1.51	<SRL	U	1	1.65	1.00
Bromoform	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Styrene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
α-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
2-Chlorotoluene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
n-Propylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
β-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Sec-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
n-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Naphthalene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.82	0.50
BFB-Surrogate Std. % Recovery		97%				96%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242691
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/05/2024
DATE REPORTED : 11/08/2024
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	242691-66654				
Date Sampled	11/04/2024				
Date Analyzed	11/08/2024				
Can Dilution Factor	1.77				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.89	0.50
Propene	<SRL	U	1	1.77	1.00
Dichlorodifluoromethane	<SRL	U	1	0.89	0.50
Dimethyl Ether	<SRL	U	1	0.89	0.50
Chloromethane	<SRL	U	1	0.89	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.89	0.50
Vinyl Chloride	<SRL	U	1	0.89	0.50
Acetaldehyde	<SRL	U	1	8.86	5.00
Methanol	<SRL	U	1	8.86	5.00
1,3-Butadiene	<SRL	U	1	0.89	0.50
Bromomethane	<SRL	U	1	0.89	0.50
Chloroethane	<SRL	U	1	0.89	0.50
Dichlorofluoromethane	<SRL	U	1	0.89	0.50
Ethanol	<SRL	U	1	3.54	2.00
Vinyl Bromide	<SRL	U	1	0.89	0.50
Acrolein	<SRL	U	1	1.77	1.00
Acetone	4.04		1	3.54	2.00
Trichlorofluoromethane	<SRL	U	1	0.89	0.50
2-Propanol (IPA)	<SRL	U	1	3.54	2.00
Acrylonitrile	<SRL	U	1	1.77	1.00
1,1-Dichloroethene	<SRL	U	1	0.89	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.77	1.00
TertButanol (TBA)	<SRL	U	1	0.89	0.50
Allyl Chloride	<SRL	U	1	1.77	1.00
Carbon Disulfide	<SRL	U	1	3.54	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.89	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.89	0.50
1,1-Dichloroethane	<SRL	U	1	0.89	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.89	0.50
Vinyl Acetate	<SRL	U	1	0.89	0.50
2-Butanone (MEK)	<SRL	U	1	1.77	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.89	0.50
Hexane	<SRL	U	1	0.89	0.50
Chloroform	<SRL	U	1	0.89	0.50
Ethyl Acetate	<SRL	U	1	0.89	0.50
Tetrahydrofuran	<SRL	U	1	0.89	0.50
1,2-Dichloroethane	<SRL	U	1	0.89	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.89	0.50
Benzene	<SRL	U	1	0.89	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242691
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/05/2024
DATE REPORTED : 11/08/2024
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	242691-66654				
Date Sampled	11/04/2024				
Date Analyzed	11/08/2024				
Can Dilution Factor	1.77				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.89	0.50
Cyclohexane	<SRL	U	1	0.89	0.50
1,2-Dichloropropane	<SRL	U	1	0.89	0.50
Bromodichloromethane	<SRL	U	1	0.89	0.50
1,4-Dioxane	<SRL	U	1	1.77	1.00
Trichloroethene (TCE)	<SRL	U	1	0.89	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.89	0.50
Methyl Methacrylate	<SRL	U	1	0.89	0.50
Heptane	<SRL	U	1	0.89	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.89	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.89	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.89	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.89	0.50
Toluene	<SRL	U	1	0.89	0.50
2-Hexanone (MBK)	<SRL	U	1	1.77	1.00
Dibromochloromethane	<SRL	U	1	0.89	0.50
1,2-Dibromoethane	<SRL	U	1	0.89	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.89	0.50
Chlorobenzene	<SRL	U	1	0.89	0.50
Ethylbenzene	<SRL	U	1	0.89	0.50
m & p-Xylene	<SRL	U	1	1.77	1.00
Bromoform	<SRL	U	1	0.89	0.50
Styrene	<SRL	U	1	0.89	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.89	0.50
o-Xylene	<SRL	U	1	0.89	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.89	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.89	0.50
α-Pinene	<SRL	U	1	0.89	0.50
2-Chlorotoluene	<SRL	U	1	0.89	0.50
n-Propylbenzene	<SRL	U	1	0.89	0.50
4-Ethyltoluene	<SRL	U	1	0.89	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.89	0.50
β-Pinene	<SRL	U	1	0.89	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.89	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.89	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.89	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.89	0.50
Sec-ButylBenzene	<SRL	U	1	0.89	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.89	0.50
n-ButylBenzene	<SRL	U	1	0.89	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.89	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.89	0.50
Naphthalene	<SRL	U	1	0.89	0.50
Hexachlorobutadiene	<SRL	U	1	0.89	0.50
BFB-Surrogate Std. % Recovery		99%			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 : 242691
MATRIX : AIR

DATE RECEIVED : 11/05/2024
DATE REPORTED : 11/08/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	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	242691-66648	11/04/2024	11/07/2024	<SRL	U	1.37	1.0	0.69	0.5	99%
MS-12	242691-66649	11/04/2024	11/07/2024	<SRL	U	1.47	1.0	0.73	0.5	100%
MS-08	242691-66650	11/04/2024	11/07/2024	<SRL	U	2.83	1.0	1.42	0.5	95%
MS-09	242691-66651	11/04/2024	11/07/2024	<SRL	U	1.64	1.0	0.82	0.5	95%
MS-10	242691-66652	11/04/2024	11/07/2024	<SRL	U	1.51	1.0	0.75	0.5	97%
MS-06	242691-66653	11/04/2024	11/07/2024	<SRL	U	1.65	1.0	0.82	0.5	96%
MS-11	242691-66654	11/04/2024	11/08/2024	<SRL	U	1.77	1.0	0.89	0.5	99%

* 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 : 11/07/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	9.79	104
Chlorodifluoromethane	10.20	11.16	109
Propene	10.70	11.89	111
Dichlorodifluoromethane	10.40	11.09	107
Dimethyl Ether	10.10	11.39	113
Chloromethane	10.50	12.04	115
Dichlorotetrafluoroethane	10.20	10.33	101
Vinyl Chloride	10.60	11.44	108
Acetaldehyde	20.90	24.09	115
Methanol	20.40	21.41	105
1,3-Butadiene	10.70	12.29	115
Bromomethane	10.40	10.40	100
Chloroethane	10.40	11.06	106
Dichlorofluoromethane	10.10	10.38	103
Ethanol	11.40	10.82	95
Vinyl Bromide	10.10	9.96	99
Acrolein	10.90	12.96	119
Acetone	10.60	11.27	106
Trichlorofluoromethane	10.50	11.12	106
2-Propanol (IPA)	11.00	10.90	99
Acrylonitrile	11.10	13.06	118
1,1-Dichloroethene	10.50	10.74	102
Methylene Chloride (DCM)	10.40	10.26	99
TertButanol (TBA)	11.20	12.15	108
Allyl Chloride	10.20	11.38	112
Carbon Disulfide	10.50	11.35	108
Trichlorotrifluoroethane	10.30	10.09	98
trans-1,2-Dichloroethene	10.80	11.54	107
1,1-Dichloroethane	10.70	11.45	107
Methyl Tert Butyl Ether (MTBE)	10.70	11.11	104
Vinyl Acetate	11.00	11.95	109
2-Butanone (MEK)	10.70	11.40	107
cis-1,2-Dichloroethene	10.70	11.47	107
Hexane	10.80	10.14	94
Chloroform	10.70	11.49	107
Ethyl Acetate	10.70	12.96	121
Tetrahydrofuran	10.40	10.66	103
1,2-Dichloroethane	10.60	11.96	113
1,1,1-Trichloroethane	10.50	11.27	107
Benzene	10.70	10.81	101
Carbon Tetrachloride	10.30	11.25	109
Cyclohexane	10.50	10.02	95

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	11.27	105
Bromodichloromethane	10.50	11.65	111
1,4-Dioxane	10.50	10.79	103
Trichloroethene (TCE)	10.50	10.29	98
2,2,4-Trimethylpentane	10.10	10.83	107
Methyl Methacrylate	11.00	11.76	107
Heptane	10.50	10.49	100
cis-1,3-Dichloropropene	10.50	11.54	110
4-Methyl-2-pentanone (MiBK)	10.50	11.26	107
trans-1,3-Dichloropropene	10.60	11.49	108
1,1,2-Trichloroethane	10.60	10.42	98
Toluene	10.80	10.62	98
2-Hexanone (MBK)	10.50	11.54	110
Dibromochloromethane	10.60	11.09	105
1,2-Dibromoethane	10.60	11.00	104
Tetrachloroethene (PCE)	10.50	10.28	98
Chlorobenzene	10.80	10.76	100
Ethylbenzene	10.60	10.84	102
m & p-Xylene	21.20	21.03	99
Bromoform	10.60	11.86	112
Styrene	10.60	11.05	104
1,1,2,2-Tetrachloroethane	10.60	11.02	104
o-Xylene	10.60	10.86	102
1,2,3-Trichloropropane	11.00	11.64	106
Isopropylbenzene (Cumene)	10.40	10.68	103
α-Pinene	10.80	10.46	97
2-Chlorotoluene	10.30	10.69	104
n-Propylbenzene	10.10	10.30	102
4-Ethyltoluene	10.40	10.05	97
1,3,5-Trimethylbenzene	10.30	10.38	101
β-Pinene	10.90	7.73	71
1,2,4-Trimethylbenzene	10.30	10.36	101
Benzyl Chloride (a-Chlorotoluene)	10.30	10.37	101
1,3-Dichlorobenzene	10.30	10.97	107
1,4-Dichlorobenzene	10.20	9.81	96
Sec-ButylBenzene	10.00	10.31	103
1,2-Dichlorobenzene	10.40	10.51	101
n-ButylBenzene	10.20	9.82	96
1,2-Dibromo-3-Chloropropane	10.10	10.84	107
1,2,4-Trichlorobenzene	10.50	11.35	108
Naphthalene	10.90	11.59	106
Hexachlorobutadiene	10.80	11.19	104

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

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

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

* - β-Pinene results are estimated.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/07/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	9.79	9.39	104	100	4.2
1,1-Dichloroethene	0.0	10.50	10.74	10.57	102	101	1.6
Methylene Chloride (DCM)	0.0	10.40	10.26	10.44	99	100	1.7
Benzene	0.0	10.70	10.81	10.93	101	102	1.1
Trichloroethene (TCE)	0.0	10.50	10.29	10.43	98	99	1.4
Toluene	0.0	10.80	10.62	10.97	98	102	3.2
Tetrachloroethene (PCE)	0.0	10.50	10.28	10.57	98	101	2.8
Chlorobenzene	0.0	10.80	10.76	10.66	100	99	0.9
Ethylbenzene	0.0	10.60	10.84	10.52	102	99	3.0
m & p-Xylene	0.0	21.20	21.03	20.37	99	96	3.2
o-Xylene	0.0	10.60	10.86	10.59	102	100	2.5

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/07/2024 | **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 110724*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	95%	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 110724*	*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 : 11/07/2024
MATRIX : Air
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242690-66647

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.10	9.56	4.9
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	9.67	8.69	10.7
Methanol	10.8	8.87	19.8
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	9.24	9.00	2.6
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	14.9	15.7	5.1
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)

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

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/08/2024 | **INSTRUMENT ID : GC/MS-04**
MATRIX : High Purity N_2 | **CALIBRATION STD ID : MS1-103024-02**
UNITS : PPB (v/v) | **ANALYST : DL**

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.79	104
Chlorodifluoromethane	10.20	11.16	109
Propene	10.70	11.89	111
Dichlorodifluoromethane	10.40	11.09	107
Dimethyl Ether	10.10	11.39	113
Chloromethane	10.50	12.04	115
Dichlorotetrafluoroethane	10.20	10.33	101
Vinyl Chloride	10.60	11.44	108
Acetaldehyde	20.90	24.09	115
Methanol	20.40	21.41	105
1,3-Butadiene	10.70	12.29	115
Bromomethane	10.40	10.40	100
Chloroethane	10.40	11.06	106
Dichlorofluoromethane	10.10	10.38	103
Ethanol	11.40	10.82	95
Vinyl Bromide	10.10	9.96	99
Acrolein	10.90	12.96	119
Acetone	10.60	11.27	106
Trichlorofluoromethane	10.50	11.12	106
2-Propanol (IPA)	11.00	10.90	99
Acrylonitrile	11.10	13.06	118
1,1-Dichloroethene	10.50	10.74	102
Methylene Chloride (DCM)	10.40	10.26	99
TertButanol (TBA)	11.20	12.15	108
Allyl Chloride	10.20	11.38	112
Carbon Disulfide	10.50	11.35	108
Trichlorotrifluoroethane	10.30	10.09	98
trans-1,2-Dichloroethene	10.80	11.54	107
1,1-Dichloroethane	10.70	11.45	107
Methyl Tert Butyl Ether (MTBE)	10.70	11.11	104
Vinyl Acetate	11.00	11.95	109
2-Butanone (MEK)	10.70	11.40	107
cis-1,2-Dichloroethene	10.70	11.47	107
Hexane	10.80	10.14	94
Chloroform	10.70	11.49	107
Ethyl Acetate	10.70	12.96	121
Tetrahydrofuran	10.40	10.66	103
1,2-Dichloroethane	10.60	11.96	113
1,1,1-Trichloroethane	10.50	11.27	107
Benzene	10.70	10.81	101
Carbon Tetrachloride	10.30	11.25	109
Cyclohexane	10.50	10.02	95

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	11.27	105
Bromodichloromethane	10.50	11.65	111
1,4-Dioxane	10.50	10.79	103
Trichloroethene (TCE)	10.50	10.29	98
2,2,4-Trimethylpentane	10.10	10.83	107
Methyl Methacrylate	11.00	11.76	107
Heptane	10.50	10.49	100
cis-1,3-Dichloropropene	10.50	11.54	110
4-Methyl-2-pentanone (MiBK)	10.50	11.26	107
trans-1,3-Dichloropropene	10.60	11.49	108
1,1,2-Trichloroethane	10.60	10.42	98
Toluene	10.80	10.62	98
2-Hexanone (MBK)	10.50	11.54	110
Dibromochloromethane	10.60	11.09	105
1,2-Dibromoethane	10.60	11.00	104
Tetrachloroethene (PCE)	10.50	10.28	98
Chlorobenzene	10.80	10.76	100
Ethylbenzene	10.60	10.84	102
m & p-Xylene	21.20	21.03	99
Bromoform	10.60	11.86	112
Styrene	10.60	11.05	104
1,1,2,2-Tetrachloroethane	10.60	11.02	104
o-Xylene	10.60	10.86	102
1,2,3-Trichloropropane	11.00	11.64	106
Isopropylbenzene (Cumene)	10.40	10.68	103
α-Pinene	10.80	10.46	97
2-Chlorotoluene	10.30	10.69	104
n-Propylbenzene	10.10	10.30	102
4-Ethyltoluene	10.40	10.05	97
1,3,5-Trimethylbenzene	10.30	10.38	101
β-Pinene	10.90	7.73	71
1,2,4-Trimethylbenzene	10.30	10.36	101
Benzyl Chloride (a-Chlorotoluene)	10.30	10.37	101
1,3-Dichlorobenzene	10.30	10.97	107
1,4-Dichlorobenzene	10.20	9.81	96
Sec-ButylBenzene	10.00	10.31	103
1,2-Dichlorobenzene	10.40	10.51	101
n-ButylBenzene	10.20	9.82	96
1,2-Dibromo-3-Chloropropane	10.10	10.84	107
1,2,4-Trichlorobenzene	10.50	11.35	108
Naphthalene	10.90	11.59	106
Hexachlorobutadiene	10.80	11.19	104

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

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

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

* - β-Pinene results are estimated.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/08/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	9.79	9.39	104	100	4.2
1,1-Dichloroethene	0.0	10.50	10.74	10.57	102	101	1.6
Methylene Chloride (DCM)	0.0	10.40	10.26	10.44	99	100	1.7
Benzene	0.0	10.70	10.81	10.93	101	102	1.1
Trichloroethene (TCE)	0.0	10.50	10.29	10.43	98	99	1.4
Toluene	0.0	10.80	10.62	10.97	98	102	3.2
Tetrachloroethene (PCE)	0.0	10.50	10.28	10.57	98	101	2.8
Chlorobenzene	0.0	10.80	10.76	10.66	100	99	0.9
Ethylbenzene	0.0	10.60	10.84	10.52	102	99	3.0
m & p-Xylene	0.0	21.20	21.03	20.37	99	96	3.2
o-Xylene	0.0	10.60	10.86	10.59	102	100	2.5

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/08/2024 | **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 110824*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	97%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	*MB 110824*	*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 : 11/08/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.7

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242660-66461

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	9.15	9.30	1.6
Chlorodifluoromethane	<SRL	<SRL	*NA*
Propene	<SRL	<SRL	*NA*
Dichlorodifluoromethane	<SRL	<SRL	*NA*
Dimethyl Ether	<SRL	<SRL	*NA*
Chloromethane	1.11	1.14	3.0
Dichlorotetrafluoroethane	<SRL	<SRL	*NA*
Vinyl Chloride	<SRL	<SRL	*NA*
Acetaldehyde	11.8	12.9	8.6
Methanol	163	164	0.7
1,3-Butadiene	<SRL	<SRL	*NA*
Bromomethane	<SRL	<SRL	*NA*
Chloroethane	<SRL	<SRL	*NA*
Dichlorofluoromethane	<SRL	<SRL	*NA*
Ethanol	12.3	11.1	10.6
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	15.8	15.4	2.6
Trichlorofluoromethane	<SRL	<SRL	*NA*
2-Propanol (IPA) J	2.91	2.59	11.8
Acrylonitrile	<SRL	<SRL	*NA*
1,1-Dichloroethene	<SRL	<SRL	*NA*
Methylene Chloride (DCM)	5.33	4.80	10.4
TertButanol (TBA)	<SRL	<SRL	*NA*
Allyl Chloride	<SRL	<SRL	*NA*
Carbon Disulfide J	1.50	1.45	3.5
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) J	1.28	1.34	5.2
cis-1,2-Dichloroethene	<SRL	<SRL	*NA*
Hexane	1.36	1.24	9.2
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	1.14	1.12	1.5

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	3.05	2.83	7.5
2-Hexanone (MBK)	<SRL	<SRL	*NA*
Dibromochloromethane	<SRL	<SRL	*NA*
1,2-Dibromoethane	<SRL	<SRL	*NA*
Tetrachloroethene (PCE)	4.75	4.51	5.1
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	8.43	8.15	3.3
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 242-691

Client/Project Name	Project Location
SCS Engineers/ Chiquita Canyon Landfill Air-/odor Sampling	Valencia, CA
Project No.	**Field Logbook No.**
Sampler: (Print) D. Hernandez	**(Signature)**
No. Of Containers 7	

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.91 Sulfur	extended list TO-15			End Pressure	Remarks Canister / controller
MS-07	11-4/5-24	0707-0707	66648	6L Summa Canister	X	X			-2 HG	001980 / 03530
MS-12	11-4/5-24	0722-0722	66649	6L Summa Canister	X	X			-6 HG	002034 / 17588
MS-08	11-4/5-24	0732-0732	66650	6L Summa Canister	X	X			-18 HG	002142 / 19512
MS-09	11-4/5-24	0745-0745	66651	6L Summa Canister	X	X			-8 HG	002036 / 19510
MS-10	11-4/5-24	0757-0800	66652	6L Summa Canister	X	X			-5 HG	002011 / FC76
MS-06	11-4/5-24	0820-0820	66653	6L Summa Canister	X	X			-6 HG	002151 / 00088
MS-11	11-4/5-24	0845-0845	66654	6L Summa Canister	X	X			-8 HG	002049 / 19506

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/5/24	0953			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				11/5/24	0959
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

D/O - 7+ cans + 2+ coated Entech

CHAIN OF CUSTODY RECORD 242691

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	11-4/5-24	0707-0707	66655	10 Liter Bag	X					
MS-12	11-4/5-24	0722-0722	66656	10 Liter Bag	X					
~~MS-08~~	~~11-4/5-24~~	~~0732-0732~~	No Sample	~~10 Liter Bag~~	~~X~~					
MS-09	11-4/5-24	0745-0745	66657	10 Liter Bag	X					
MS-10	11-4/5-24	0757-0800	66658	10 Liter Bag	X					
MS-06	11-4/5-24	0820-0820	66659	10 Liter Bag	X					
MS-11	11-4/5-24	0845-0845	66660	10 Liter Bag	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-5-24	0953			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				11/5/24	0959
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. : 242691
REPORT DATE : 11/08/2024

On November 5th 2024, Atmospheric Analysis & Consulting, Inc. received six (6) Tedlar Bags and seven (7) Six-Liter Silonite Canisters for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)	Client ID	Lab No.
MS-07	242691-66648	741.0	MS-07	242691-66655
MS-12	242691-66649	697.0	MS-12	242691-66656
MS-08	242691-66650	363.5	MS-09	242691-66657
MS-09	242691-66651	627.0	MS-10	242691-66658
MS-10	242691-66652	678.5	MS-06	242691-66659
MS-06	242691-66653	623.5	MS-11	242691-66660
MS-11	242691-66654	576.5	-	-

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

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

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 8 pages.

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

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242691
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/04-05/2024
RECEIVING DATE : 11/05/2024
ANALYSIS DATE : 11/07/2024
REPORT DATE : 11/08/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242691-66648	242691-66649	242691-66650	242691-66651
Canister Dil. Fac.	1.37	1.47	2.83	1.64
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.007	< 0.007	< 0.014	< 0.008
COS / SO2	< 0.007	< 0.007	< 0.014	< 0.008
Methyl Mercaptan	< 0.007	< 0.007	< 0.014	< 0.008
Ethyl Mercaptan	< 0.007	< 0.007	< 0.014	< 0.008
Dimethyl Sulfide	< 0.007	< 0.007	< 0.014	< 0.008
Carbon Disulfide	< 0.007	< 0.007	< 0.014	< 0.008
Isopropyl Mercaptan	< 0.007	< 0.007	< 0.014	< 0.008
tert-Butyl Mercaptan	< 0.007	< 0.007	< 0.014	< 0.008
n-Propyl Mercaptan	< 0.007	< 0.007	< 0.014	< 0.008
Methylethylsulfide	< 0.007	< 0.007	< 0.014	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.007	< 0.007	< 0.014	< 0.008
iso-Butyl Mercaptan	< 0.007	< 0.007	< 0.014	< 0.008
Diethyl Sulfide	< 0.007	< 0.007	< 0.014	< 0.008
n-Butyl Mercaptan	< 0.007	< 0.007	< 0.014	< 0.008
Dimethyl Disulfide	< 0.007	< 0.007	< 0.014	< 0.008
2-Methylthiophene	< 0.007	< 0.007	< 0.014	< 0.008
3-Methylthiophene	< 0.007	< 0.007	< 0.014	< 0.008
Tetrahydrothiophene	< 0.007	< 0.007	< 0.014	< 0.008
Bromothiophene	< 0.007	< 0.007	< 0.014	< 0.008
Thiophenol	< 0.007	< 0.007	< 0.014	< 0.008
Diethyl Disulfide	< 0.007	< 0.007	< 0.014	< 0.008
Total Unidentified Sulfur	< 0.007	< 0.007	< 0.014	< 0.008
Total Reduced Sulfurs	< 0.007	< 0.007	< 0.014	< 0.008

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

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

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242691
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/04-05/2024
RECEIVING DATE : 11/05/2024
ANALYSIS DATE : 11/07/2024
REPORT DATE : 11/08/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242691-66652	242691-66653	242691-66654
Canister Dil. Fac.	1.51	1.65	1.77
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.008	< 0.009
COS / SO2	< 0.008	< 0.008	< 0.009
Methyl Mercaptan	< 0.008	< 0.008	< 0.009
Ethyl Mercaptan	< 0.008	< 0.008	< 0.009
Dimethyl Sulfide	< 0.008	< 0.008	< 0.009
Carbon Disulfide	< 0.008	< 0.008	< 0.009
Isopropyl Mercaptan	< 0.008	< 0.008	< 0.009
tert-Butyl Mercaptan	< 0.008	< 0.008	< 0.009
n-Propyl Mercaptan	< 0.008	< 0.008	< 0.009
Methylethylsulfide	< 0.008	< 0.008	< 0.009
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.008	< 0.009
iso-Butyl Mercaptan	< 0.008	< 0.008	< 0.009
Diethyl Sulfide	< 0.008	< 0.008	< 0.009
n-Butyl Mercaptan	< 0.008	< 0.008	< 0.009
Dimethyl Disulfide	< 0.008	< 0.008	< 0.009
2-Methylthiophene	< 0.008	< 0.008	< 0.009
3-Methylthiophene	< 0.008	< 0.008	< 0.009
Tetrahydrothiophene	< 0.008	< 0.008	< 0.009
Bromothiophene	< 0.008	< 0.008	< 0.009
Thiophenol	< 0.008	< 0.008	< 0.009
Diethyl Disulfide	< 0.008	< 0.008	< 0.009
Total Unidentified Sulfur	< 0.008	< 0.008	< 0.009
Total Reduced Sulfurs	< 0.008	< 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. : 242691
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/04-05/2024
RECEIVING DATE : 11/05/2024
ANALYSIS DATE : 11/05/2024
REPORT DATE : 11/08/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-09	MS-10	MS-06	MS-11
AAC ID	242691-66655	242691-66656	242691-66657	242691-66658	242691-66659	242691-66660
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
COS / SO2	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Methyl Mercaptan	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethyl Mercaptan	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Dimethyl Sulfide	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Carbon Disulfide	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Isopropyl Mercaptan	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
tert-Butyl Mercaptan	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
n-Propyl Mercaptan	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Methylethylsulfide	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
sec-Butyl Mercaptan / Thiophene	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
iso-Butyl Mercaptan	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Diethyl Sulfide	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
n-Butyl Mercaptan	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Dimethyl Disulfide	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
2-Methylthiophene	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
3-Methylthiophene	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Tetrahydrothiophene	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Bromothiophene	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Thiophenol	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Diethyl Disulfide	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Unidentified Sulfur	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Reduced Sulfurs	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050

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: 11/5/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6949	0.488	95.6	1.5
Duplicate	6970	0.490	95.9	1.2
Triplicate	7250	0.510	99.7	2.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6009	0.501	99.8	0.9
Duplicate	6004	0.501	99.8	1.0
Triplicate	6184	0.516	102.7	1.9

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8464	0.494	99.4	2.6
Duplicate	8809	0.514	103.4	1.4
Triplicate	8793	0.513	103.3	1.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.254	0.255	99.4	99.8	0.4
MeSH	<PQL	0.251	0.258	0.265	102.8	105.6	2.7
DMS	<PQL	0.249	0.268	0.269	107.8	108.2	0.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.490	95.9
MeSH	0.502	0.504	100.4
DMS	0.497	0.525	105.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/7/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7007	0.492	96.4	0.6
Duplicate	6958	0.489	95.7	1.3
Triplicate	7178	0.504	98.7	1.8

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5845	0.487	97.1	2.0
Duplicate	5862	0.489	97.4	1.7
Triplicate	6176	0.515	102.6	3.6

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8533	0.498	100.2	0.5
Duplicate	8396	0.490	98.6	2.1
Triplicate	8794	0.513	103.3	2.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.263	0.259	102.9	101.4	1.5
MeSH	<PQL	0.251	0.249	0.257	99.2	102.4	3.2
DMS	<PQL	0.249	0.260	0.261	104.6	105.0	0.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.493	96.5
MeSH	0.502	0.488	97.2
DMS	0.497	0.495	99.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

CHAIN OF CUSTODY RECORD 242-691

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.a) Sulfur	Extended list TO-15			Cyl. Pressure	Remarks Canister / Controller
MS-07	11-4/5-24	0707-0707	66648	6 L Summa Canister	X	X			-2 HG	001980 / 03530
MS-12	11-4/5-24	0722-0722	66649	6 L Summa Canister	X	X			-6 HG	002034 / 17588
MS-08	11-4/5-24	0732-0732	66650	6 L Summa Canister	X	X			-18 HG	002142 / 19512
MS-09	11-4/5-24	0745-0745	66651	6 L Summa Canister	X	X			-8 HG	002036 / 19510
MS-10	11-4/5-24	0757-0800	66652	6 L Summa Canister	X	X			-5 HG	002011 / FC76
MS-06	11-4/5-24	0820-0820	66653	6 L Summa Canister	X	X			-6 HG	002157 / 000885
MS-11	11-4/5-24	0845-0845	66654	6 L Summa Canister	X	X			-8 HG	002049 / 19506

	Date	Time		Date	Time
Relinquished by: (Signature)	11/5/24	0953	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	11/5/24	0959
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

D/O - 7 canns + 2 coated Entechs

CHAIN OF CUSTODY RECORD 242691

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	11-4/5-24	0707-0707	66655	10 Liter Bag	X	
MS-12	11-4/5-24	0722-0722	66656	10 Liter Bag	X	
~~MS-08~~	~~11-4/5-24~~	~~0732-0732~~	No Sample	~~10 Liter Bag~~	~~X~~	
MS-09	11-4/5-24	0745-0745	66657	10 Liter Bag	X	
MS-10	11-4/5-24	0757-0800	66658	10 Liter Bag	X	
MS-06	11-4/5-24	0820-0820	66659	10 Liter Bag	X	
MS-11	11-4/5-24	0845-0845	66660	10 Liter Bag	X	

	Date	Time		Date	Time
Relinquished by: (Signature)	11-5-24	0953	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	11/5/24	0959

Sample Disposal Method:

Disposed of by: (Signature)

Date: **Time:**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC Ventura

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 242772
REPORT DATE : 11/14/2024

On November 12, 2024, 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	242772-67039	545.5
MS-12	242772-67040	686.5
MS-08	242772-67041	677.5
MS-09	242772-67042	678.0
MS-10	242772-67043	716.5
MS-06	242772-67044	712.0
MS-11	242772-67045	712.0

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

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

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 16 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242772
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/12/2024
DATE REPORTED : 11/14/2024
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	242772-67039				242772-67040				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/13/2024				11/13/2024				
Can Dilution Factor	1.90				1.50				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Propene	<SRL	U	1	1.90	<SRL	U	1	1.50	1.00
Dichlorodifluoromethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Dimethyl Ether	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Chloromethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Vinyl Chloride	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Acetaldehyde	<SRL	U	1	9.50	<SRL	U	1	7.51	5.00
Methanol	<SRL	U	1	9.50	<SRL	U	1	7.51	5.00
1,3-Butadiene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Bromomethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Chloroethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Dichlorofluoromethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Ethanol	<SRL	U	1	3.80	8.74		1	3.00	2.00
Vinyl Bromide	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Acrolein	<SRL	U	1	1.90	<SRL	U	1	1.50	1.00
Acetone	4.29		1	3.80	4.58		1	3.00	2.00
Trichlorofluoromethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
2-Propanol (IPA)	<SRL	U	1	3.80	<SRL	U	1	3.00	2.00
Acrylonitrile	<SRL	U	1	1.90	<SRL	U	1	1.50	1.00
1,1-Dichloroethene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.90	<SRL	U	1	1.50	1.00
TertButanol (TBA)	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Allyl Chloride	<SRL	U	1	1.90	<SRL	U	1	1.50	1.00
Carbon Disulfide	<SRL	U	1	3.80	<SRL	U	1	3.00	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,1-Dichloroethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Vinyl Acetate	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
2-Butanone (MEK)	<SRL	U	1	1.90	<SRL	U	1	1.50	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Hexane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Chloroform	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Ethyl Acetate	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Tetrahydrofuran	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,2-Dichloroethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Benzene	<SRL	U	1	0.95	<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 : 242772
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/12/2024
DATE REPORTED : 11/14/2024
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	242772-67039				242772-67040				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/13/2024				11/13/2024				
Can Dilution Factor	1.90				1.50				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Cyclohexane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,2-Dichloropropane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Bromodichloromethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,4-Dioxane	<SRL	U	1	1.90	<SRL	U	1	1.50	1.00
Trichloroethene (TCE)	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Methyl Methacrylate	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Heptane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Toluene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
2-Hexanone (MBK)	<SRL	U	1	1.90	<SRL	U	1	1.50	1.00
Dibromochloromethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,2-Dibromoethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Chlorobenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Ethylbenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
m & p-Xylene	<SRL	U	1	1.90	<SRL	U	1	1.50	1.00
Bromoform	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Styrene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
o-Xylene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
α-Pinene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
2-Chlorotoluene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
n-Propylbenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
4-Ethyltoluene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
β-Pinene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Sec-ButylBenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
n-ButylBenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Naphthalene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
Hexachlorobutadiene	<SRL	U	1	0.95	<SRL	U	1	0.75	0.50
BFB-Surrogate Std. % Recovery		101%				100%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242772
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/12/2024
DATE REPORTED : 11/14/2024
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	242772-67041				242772-67042				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/13/2024				11/13/2024				
Can Dilution Factor	1.52				1.53				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Propene	<SRL	U	1	1.52	<SRL	U	1	1.53	1.00
Dichlorodifluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Dimethyl Ether	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Chloromethane	<SRL	U	1	0.76	1.92		1	0.76	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Vinyl Chloride	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Acetaldehyde	<SRL	U	1	7.60	<SRL	U	1	7.64	5.00
Methanol	<SRL	U	1	7.60	<SRL	U	1	7.64	5.00
1,3-Butadiene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Bromomethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Chloroethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Dichlorofluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Ethanol	<SRL	U	1	3.04	<SRL	U	1	3.05	2.00
Vinyl Bromide	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Acrolein	<SRL	U	1	1.52	<SRL	U	1	1.53	1.00
Acetone	3.98		1	3.04	10.2		1	3.05	2.00
Trichlorofluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
2-Propanol (IPA)	<SRL	U	1	3.04	<SRL	U	1	3.05	2.00
Acrylonitrile	<SRL	U	1	1.52	<SRL	U	1	1.53	1.00
1,1-Dichloroethene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.52	<SRL	U	1	1.53	1.00
TertButanol (TBA)	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Allyl Chloride	<SRL	U	1	1.52	<SRL	U	1	1.53	1.00
Carbon Disulfide	<SRL	U	1	3.04	<SRL	U	1	3.05	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,1-Dichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Vinyl Acetate	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
2-Butanone (MEK)	<SRL	U	1	1.52	<SRL	U	1	1.53	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Hexane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Chloroform	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Ethyl Acetate	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Tetrahydrofuran	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,2-Dichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Benzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242772
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/12/2024
DATE REPORTED : 11/14/2024
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	242772-67041				242772-67042				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/13/2024				11/13/2024				
Can Dilution Factor	1.52				1.53				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Cyclohexane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,2-Dichloropropane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Bromodichloromethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,4-Dioxane	<SRL	U	1	1.52	<SRL	U	1	1.53	1.00
Trichloroethene (TCE)	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Methyl Methacrylate	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Heptane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Toluene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
2-Hexanone (MBK)	<SRL	U	1	1.52	<SRL	U	1	1.53	1.00
Dibromochloromethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,2-Dibromoethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Chlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Ethylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
m & p-Xylene	<SRL	U	1	1.52	<SRL	U	1	1.53	1.00
Bromoform	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Styrene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
o-Xylene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
α-Pinene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
2-Chlorotoluene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
n-Propylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
4-Ethyltoluene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
β-Pinene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Sec-ButylBenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
n-ButylBenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Naphthalene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
Hexachlorobutadiene	<SRL	U	1	0.76	<SRL	U	1	0.76	0.50
BFB-Surrogate Std. % Recovery		101%				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 : 242772
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/12/2024
DATE REPORTED : 11/14/2024
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	242772-67043				242772-67044				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/13/2024				11/13/2024				
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	7.18	<SRL	U	1	7.18	5.00
Methanol	<SRL	U	1	7.18	<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	2.87	7.15		1	2.87	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.44	<SRL	U	1	1.44	1.00
Acetone	4.72		1	2.87	4.14		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	1.44	<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	2.87	<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	1.44	<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 : 242772
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/12/2024
DATE REPORTED : 11/14/2024
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	242772-67043				242772-67044				
Date Sampled	11/11/2024				11/11/2024				
Date Analyzed	11/13/2024				11/13/2024				
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%				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 : 242772
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/12/2024
DATE REPORTED : 11/14/2024
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	242772-67045				
Date Sampled	11/11/2024				
Date Analyzed	11/13/2024				
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	7.21	5.00
Methanol	<SRL	U	1	7.21	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	2.88	2.00
Vinyl Bromide	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.44	1.00
Acetone	3.11		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.88	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	2.88	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
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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242772
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/12/2024
DATE REPORTED : 11/14/2024
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	242772-67045				
Date Sampled	11/11/2024				
Date Analyzed	11/13/2024				
Can Dilution Factor	1.44				
Compound	Result	Qualifier	Analysis DF		
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		101%			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 : 242772
MATRIX : AIR

DATE RECEIVED : 11/12/2024
DATE REPORTED : 11/14/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	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	242772-67039	11/11/2024	11/13/2024	<SRL	U	1.90	1.0	0.95	0.5	101%
MS-12	242772-67040	11/11/2024	11/13/2024	<SRL	U	1.50	1.0	0.75	0.5	100%
MS-08	242772-67041	11/11/2024	11/13/2024	<SRL	U	1.52	1.0	0.76	0.5	101%
MS-09	242772-67042	11/11/2024	11/13/2024	<SRL	U	1.53	1.0	0.76	0.5	99%
MS-10	242772-67043	11/11/2024	11/13/2024	<SRL	U	1.44	1.0	0.72	0.5	100%
MS-06	242772-67044	11/11/2024	11/13/2024	<SRL	U	1.44	1.0	0.72	0.5	100%
MS-11	242772-67045	11/11/2024	11/13/2024	<SRL	U	1.44	1.0	0.72	0.5	101%

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/13/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	10.10	107
Chlorodifluoromethane	10.20	11.15	109
Propene	10.70	11.88	111
Dichlorodifluoromethane	10.40	11.44	110
Dimethyl Ether	10.10	11.71	116
Chloromethane	10.50	12.14	116
Dichlorotetrafluoroethane	10.20	10.19	100
Vinyl Chloride	10.60	11.19	106
Acetaldehyde	20.90	22.40	107
Methanol	20.40	21.04	103
1,3-Butadiene	10.70	12.37	116
Bromomethane	10.40	10.44	100
Chloroethane	10.40	10.31	99
Dichlorofluoromethane	10.10	10.19	101
Ethanol	11.40	12.73	112
Vinyl Bromide	10.10	9.98	99
Acrolein	10.90	12.25	112
Acetone	10.60	11.13	105
Trichlorofluoromethane	10.50	11.98	114
2-Propanol (IPA)	11.00	12.08	110
Acrylonitrile	11.10	12.61	114
1,1-Dichloroethene	10.50	10.47	100
Methylene Chloride (DCM)	10.40	9.96	96
TertButanol (TBA)	11.20	12.27	110
Allyl Chloride	10.20	11.61	114
Carbon Disulfide	10.50	10.88	104
Trichlorotrifluoroethane	10.30	10.35	100
trans-1,2-Dichloroethene	10.80	11.34	105
1,1-Dichloroethane	10.70	11.09	104
Methyl Tert Butyl Ether (MTBE)	10.70	11.23	105
Vinyl Acetate	11.00	12.29	112
2-Butanone (MEK)	10.70	11.24	105
cis-1,2-Dichloroethene	10.70	10.96	102
Hexane	10.80	10.53	98
Chloroform	10.70	11.47	107
Ethyl Acetate	10.70	12.94	121
Tetrahydrofuran	10.40	10.02	96
1,2-Dichloroethane	10.60	12.30	116
1,1,1-Trichloroethane	10.50	11.82	113
Benzene	10.70	10.49	98
Carbon Tetrachloride	10.30	12.22	119
Cyclohexane	10.50	9.83	94

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	10.79	101
Bromodichloromethane	10.50	11.84	113
1,4-Dioxane	10.50	10.81	103
Trichloroethene (TCE)	10.50	10.70	102
2,2,4-Trimethylpentane	10.10	10.66	106
Methyl Methacrylate	11.00	10.78	98
Heptane	10.50	9.69	92
cis-1,3-Dichloropropene	10.50	11.18	106
4-Methyl-2-pentanone (MiBK)	10.50	11.17	106
trans-1,3-Dichloropropene	10.60	11.30	107
1,1,2-Trichloroethane	10.60	10.13	96
Toluene	10.80	10.45	97
2-Hexanone (MBK)	10.50	11.34	108
Dibromochloromethane	10.60	11.75	111
1,2-Dibromoethane	10.60	11.07	104
Tetrachloroethene (PCE)	10.50	10.82	103
Chlorobenzene	10.80	10.43	97
Ethylbenzene	10.60	10.37	98
m & p-Xylene	21.20	20.40	96
Bromoform	10.60	12.11	114
Styrene	10.60	10.60	100
1,1,2,2-Tetrachloroethane	10.60	10.17	96
o-Xylene	10.60	10.62	100
1,2,3-Trichloropropane	11.00	11.50	105
Isopropylbenzene (Cumene)	10.40	10.41	100
α-Pinene	10.80	10.18	94
2-Chlorotoluene	10.30	10.46	102
n-Propylbenzene	10.10	9.95	99
4-Ethyltoluene	10.40	9.96	96
1,3,5-Trimethylbenzene	10.30	10.11	98
β-Pinene	10.90	7.82	72
1,2,4-Trimethylbenzene	10.30	10.18	99
Benzyl Chloride (a-Chlorotoluene)	10.30	10.46	102
1,3-Dichlorobenzene	10.30	11.13	108
1,4-Dichlorobenzene	10.20	10.13	99
Sec-ButylBenzene	10.00	9.96	100
1,2-Dichlorobenzene	10.40	10.58	102
n-ButylBenzene	10.20	10.11	99
1,2-Dibromo-3-Chloropropane	10.10	11.21	111
1,2,4-Trichlorobenzene	10.50	11.25	107
Naphthalene	10.90	11.04	101
Hexachlorobutadiene	10.80	12.40	115

[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 : 11/13/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	10.10	9.51	107	101	6.0
1,1-Dichloroethene	0.0	10.50	10.47	10.68	100	102	2.0
Methylene Chloride (DCM)	0.0	10.40	9.96	10.06	96	97	1.0
Benzene	0.0	10.70	10.49	10.53	98	98	0.4
Trichloroethene (TCE)	0.0	10.50	10.70	10.41	102	99	2.7
Toluene	0.0	10.80	10.45	10.50	97	97	0.5
Tetrachloroethene (PCE)	0.0	10.50	10.82	10.92	103	104	0.9
Chlorobenzene	0.0	10.80	10.43	10.37	97	96	0.6
Ethylbenzene	0.0	10.60	10.37	10.32	98	97	0.5
m & p-Xylene	0.0	21.20	20.40	20.01	96	94	1.9
o-Xylene	0.0	10.60	10.62	10.34	100	98	2.7

[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 : 11/13/2024 | **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 111324*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	98%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	*MB 111324*	*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 : 11/13/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.44

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242772-67045

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	9.53	9.22	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 J	3.92	3.73	4.9
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	3.11	3.63	15.4
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 242772

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	11-11/12-24	0715-0715	67039	6L Summa Canister	X	X			-10HG	001840 / 05082
MS-12	11-11/12-24	0723-0723	67040	6L Summa Canister	X	X			-3HG	001957 / 17590
MS-08	11-11/12-24	0738-0738	67041	6L Summa Canister	X	X			-11HG	001856 / 000884
MS-09	11-11/12-24	0753-0753	67042	6L Summa Canister	X	X			-1HG	001802 / 19508
MS-10	11-11/12-24	0809-0809	67043	6L Summa Canister	X	X			-3HG	001846 / 02323
MS-06	11-11/12-24	0823-0826	67044	6L Summa Canister	X	X			0HG	002027 / 19507
MS-11	11-11/12-24	0840-0852	67045	6L Summa Canister	X	X			-5HG	001864 / 000708

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-12-24	1000			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				11/12/24	1006
Sample Disposal Method:			**Disposed of by: (Signature)**	**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC Ventura

D10 - 7x cans + 2x coated Entechs

CHAIN OF CUSTODY RECORD 24 2772

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	11-11/12-24	0715-0715	67046	10 Liter Bag	X					
MS-12	11-11/12-24	0723-0723	67047	10 Liter Bag	X					
MS-08	11-11/12-24	0738-0738	67048	10 Liter Bag	X					
MS-09	11-11/12-24	0753-0753	67049	10 Liter Bag	X					
MS-10	11-11/12-24	0809-0809	67050	10 Liter Bag	X					
MS-06	11-11/12-24	0823-0826	67051	10 Liter Bag	X					
MS-11	11-11/12-24	0840-0852	67052	10 Liter Bag	X					

	Date	Time		Date	Time
Relinquished by: (Signature)	11-12-24	1000	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	11/12/24	1006
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. : 242772
REPORT DATE : 11/14/2024

On November 12th 2024, 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	242772-67039	545.5	MS-07	242772-67046
MS-12	242772-67040	686.5	MS-12	242772-67047
MS-08	242772-67041	677.5	MS-08	242772-67048
MS-09	242772-67042	678.0	MS-09	242772-67049
MS-10	242772-67043	716.5	MS-10	242772-67050
MS-06	242772-67044	712.0	MS-06	242772-67051
MS-11	242772-67045	712.0	MS-11	242772-67052

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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242772
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/11-12/2024
RECEIVING DATE : 11/12/2024
ANALYSIS DATE : 11/13/2024
REPORT DATE : 11/14/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242772-67039	242772-67040	242772-67041	242772-67042
Canister Dil. Fac.	1.90	1.50	1.52	1.53
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.010	< 0.008	< 0.008	< 0.008
COS / SO2	< 0.010	< 0.008	< 0.008	< 0.008
Methyl Mercaptan	< 0.010	< 0.008	< 0.008	< 0.008
Ethyl Mercaptan	< 0.010	< 0.008	< 0.008	< 0.008
Dimethyl Sulfide	< 0.010	< 0.008	< 0.008	< 0.008
Carbon Disulfide	< 0.010	< 0.008	< 0.008	< 0.008
Isopropyl Mercaptan	< 0.010	< 0.008	< 0.008	< 0.008
tert-Butyl Mercaptan	< 0.010	< 0.008	< 0.008	< 0.008
n-Propyl Mercaptan	< 0.010	< 0.008	< 0.008	< 0.008
Methylethylsulfide	< 0.010	< 0.008	< 0.008	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.010	< 0.008	< 0.008	< 0.008
iso-Butyl Mercaptan	< 0.010	< 0.008	< 0.008	< 0.008
Diethyl Sulfide	< 0.010	< 0.008	< 0.008	< 0.008
n-Butyl Mercaptan	< 0.010	< 0.008	< 0.008	< 0.008
Dimethyl Disulfide	< 0.010	< 0.008	< 0.008	< 0.008
2-Methylthiophene	< 0.010	< 0.008	< 0.008	< 0.008
3-Methylthiophene	< 0.010	< 0.008	< 0.008	< 0.008
Tetrahydrothiophene	< 0.010	< 0.008	< 0.008	< 0.008
Bromothiophene	< 0.010	< 0.008	< 0.008	< 0.008
Thiophenol	< 0.010	< 0.008	< 0.008	< 0.008
Diethyl Disulfide	< 0.010	< 0.008	< 0.008	< 0.008
Total Unidentified Sulfur	< 0.010	< 0.008	< 0.008	< 0.008
Total Reduced Sulfurs	< 0.010	< 0.008	< 0.008	< 0.008

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

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242772
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/11-12/2024
RECEIVING DATE : 11/12/2024
ANALYSIS DATE : 11/13/2024
REPORT DATE : 11/14/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242772-67043	242772-67044	242772-67045
Canister Dil. Fac.	1.44	1.44	1.44
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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242772
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/11-12/2024
RECEIVING DATE : 11/12/2024
ANALYSIS DATE : 11/12/2024
REPORT DATE : 11/14/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242772-67046	242772-67047	242772-67048	242772-67049
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. : 242772
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/11-12/2024
RECEIVING DATE : 11/12/2024
ANALYSIS DATE : 11/12/204
REPORT DATE : 11/14/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242772-67050	242772-67051	242772-67052
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: 11/12/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7223	0.508	99.3	1.2
Duplicate	7271	0.511	100.0	0.6
Triplicate	7449	0.523	102.4	1.8

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6185	0.516	102.8	0.6
Duplicate	6306	0.526	104.8	1.4
Triplicate	6171	0.515	102.5	0.8

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8871	0.518	104.2	0.2
Duplicate	8929	0.521	104.9	0.5
Triplicate	8862	0.517	104.1	0.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242770-67034 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.249	0.234	97.5	91.6	6.2
MeSH	<PQL	0.251	0.247	0.233	98.4	92.8	5.8
DMS	<PQL	0.249	0.268	0.260	107.8	104.6	3.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.484	94.7
MeSH	0.502	0.507	101.0
DMS	0.497	0.522	105.0

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/13/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7012	0.493	96.4	1.7
Duplicate	7284	0.512	100.2	2.1
Triplicate	7106	0.499	97.7	0.4

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6024	0.502	100.1	2.3
Duplicate	6188	0.516	102.8	0.4
Triplicate	6277	0.524	104.3	1.9

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8848	0.516	103.9	0.7
Duplicate	8714	0.509	102.3	0.9
Triplicate	8807	0.514	103.4	0.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.257	0.234	100.6	91.6	9.4
MeSH	<PQL	0.251	0.247	0.260	98.4	103.6	5.1
DMS	<PQL	0.249	0.260	0.254	104.6	102.2	2.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.488	95.5
MeSH	0.502	0.505	100.6
DMS	0.497	0.525	105.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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CHAIN OF CUSTODY RECORD 242772

Client/Project Name	Project Location
SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling	Valencia, CA
Project No.	**Field Logbook No.**
Sampler: (Print) D. Hernandez	**(Signature)**
	No. Of Containers 7

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.91 Sulfur	Extended list TO-15			End Pressure	Remarks Canister/Controller
MS-07	11-11/12-24	0715-0715	67039	6L Summa Canister	X	X			-10HG	001840/05082
MS-12	11-11/12-24	0723-0723	67040	6L Summa Canister	X	X			-3HG	001957/17590
MS-08	11-11/12-24	0738-0738	67041	6L Summa Canister	X	X			-11HG	001856/000884
MS-09	11-11/12-24	0753-0753	67042	6L Summa Canister	X	X			-1HG	001802/19508
MS-10	11-11/12-24	0809-0809	67043	6L Summa Canister	X	X			-3HG	001846/02323
MS-06	11-11/12-24	0823-0826	67044	6L Summa Canister	X	X			0HG	002027/19507
MS-11	11-11/12-24	0840-0852	67045	6L Summa Canister	X	X			-5HG	001864/000708

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-12-24	1000			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				11/12/24	1006
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 242772

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	11-11/12-24	0715-0715	67046	10 Liter Bag	X					
MS-12	11-11/12-24	0723-0723	67047	10 Liter Bag	X					
MS-08	11-11/12-24	0738-0738	67048	10 Liter Bag	X					
MS-09	11-11/12-24	0753-0753	67049	10 Liter Bag	X					
MS-10	11-11/12-24	0809-0809	67050	10 Liter Bag	X					
MS-06	11-11/12-24	0823-0826	67051	10 Liter Bag	X					
MS-11	11-11/12-24	0840-0852	67052	10 Liter Bag	X					

Relinquished by: (Signature)

Date	Time	Received by: (Signature)	Date	Time
11-12-24	1000			

Relinquished by: (Signature)

Date	Time	Received by: (Signature)	Date	Time

Relinquished by: (Signature)

Date	Time	Received for Laboratory: (Signature)	Date	Time
			11/12/24	1006

Sample Disposal Method:

Disposed of by: (Signature)

Date	Time

Sample Collector

Analytical Laboratory

AAC Ventura

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Atmospheric Analysis & Consulting, Inc.

CLIENT	: SCS Engineers
PROJECT NAME	: Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO.	: 242829
REPORT DATE	: 11/22/2024

On November 19, 2024, 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	242829-67360	675.5
MS-12	242829-67361	648.5
MS-08	242829-67362	643.0
MS-09	242829-67363	776.0
MS-10	242829-67364	642.0
MS-06	242829-67365	626.5
MS-11	242829-67366	548.0

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

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

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 16 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242829
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/19/2024
DATE REPORTED : 11/22/2024
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	242829-67360				242829-67361				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/21/2024				11/21/2024				
Can Dilution Factor	1.50				1.57				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Propene	<SRL	U	1	1.50	<SRL	U	1	1.57	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Dimethyl Ether	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Chloromethane	<SRL	U	1	0.75	0.83		1	0.79	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Acetaldehyde	<SRL	U	1	7.52	<SRL	U	1	7.87	5.00
Methanol	<SRL	U	1	7.52	<SRL	U	1	7.87	5.00
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Ethanol	<SRL	U	1	3.01	3.42		1	3.15	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Acrolein	<SRL	U	1	1.50	<SRL	U	1	1.57	1.00
Acetone	<SRL	U	1	3.01	<SRL	U	1	3.15	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
2-Propanol (IPA)	<SRL	U	1	3.01	<SRL	U	1	3.15	2.00
Acrylonitrile	<SRL	U	1	1.50	<SRL	U	1	1.57	1.00
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.50	<SRL	U	1	1.57	1.00
TertButanol (TBA)	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Allyl Chloride	<SRL	U	1	1.50	<SRL	U	1	1.57	1.00
Carbon Disulfide	<SRL	U	1	3.01	<SRL	U	1	3.15	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
2-Butanone (MEK)	<SRL	U	1	1.50	<SRL	U	1	1.57	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Hexane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Chloroform	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Benzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242829
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/19/2024
DATE REPORTED : 11/22/2024
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	242829-67360				242829-67361				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/21/2024				11/21/2024				
Can Dilution Factor	1.50				1.57				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,4-Dioxane	<SRL	U	1	1.50	<SRL	U	1	1.57	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Methyl Methacrylate	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Heptane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Toluene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
2-Hexanone (MBK)	<SRL	U	1	1.50	<SRL	U	1	1.57	1.00
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
m & p-Xylene	<SRL	U	1	1.50	<SRL	U	1	1.57	1.00
Bromoform	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Styrene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
α-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
2-Chlorotoluene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
n-Propylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
β-Pinene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Sec-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
n-ButylBenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Naphthalene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.79	0.50
BFB-Surrogate Std. % Recovery		104%				109%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242829
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/19/2024
DATE REPORTED : 11/22/2024
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	242829-67362				242829-67363				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/21/2024				11/21/2024				
Can Dilution Factor	1.58				1.32				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	1.74		1	0.79	<SRL	U	1	0.66	0.50
Propene	<SRL	U	1	1.58	<SRL	U	1	1.32	1.00
Dichlorodifluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Dimethyl Ether	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Chloromethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Vinyl Chloride	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Acetaldehyde	<SRL	U	1	7.90	<SRL	U	1	6.59	5.00
Methanol	<SRL	U	1	7.90	<SRL	U	1	6.59	5.00
1,3-Butadiene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Bromomethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Chloroethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Dichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Ethanol	<SRL	U	1	3.16	3.11		1	2.63	2.00
Vinyl Bromide	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Acrolein	<SRL	U	1	1.58	<SRL	U	1	1.32	1.00
Acetone	<SRL	U	1	3.16	6.94		1	2.63	2.00
Trichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
2-Propanol (IPA)	<SRL	U	1	3.16	<SRL	U	1	2.63	2.00
Acrylonitrile	<SRL	U	1	1.58	<SRL	U	1	1.32	1.00
1,1-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.58	<SRL	U	1	1.32	1.00
TertButanol (TBA)	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Allyl Chloride	<SRL	U	1	1.58	<SRL	U	1	1.32	1.00
Carbon Disulfide	<SRL	U	1	3.16	<SRL	U	1	2.63	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,1-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Vinyl Acetate	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
2-Butanone (MEK)	<SRL	U	1	1.58	<SRL	U	1	1.32	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Hexane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Chloroform	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Ethyl Acetate	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Tetrahydrofuran	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,2-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Benzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242829
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/19/2024
DATE REPORTED : 11/22/2024
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	242829-67362				242829-67363				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/21/2024				11/21/2024				
Can Dilution Factor	1.58				1.32				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Cyclohexane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,2-Dichloropropane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Bromodichloromethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,4-Dioxane	<SRL	U	1	1.58	<SRL	U	1	1.32	1.00
Trichloroethene (TCE)	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Methyl Methacrylate	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Heptane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Toluene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
2-Hexanone (MBK)	<SRL	U	1	1.58	<SRL	U	1	1.32	1.00
Dibromochloromethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,2-Dibromoethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Chlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Ethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
m & p-Xylene	<SRL	U	1	1.58	<SRL	U	1	1.32	1.00
Bromoform	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Styrene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
o-Xylene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
α-Pinene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
2-Chlorotoluene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
n-Propylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
4-Ethyltoluene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
ß-Pinene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Sec-ButylBenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
n-ButylBenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Naphthalene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
Hexachlorobutadiene	<SRL	U	1	0.79	<SRL	U	1	0.66	0.50
BFB-Surrogate Std. % Recovery		107%				108%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242829
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/19/2024
DATE REPORTED : 11/22/2024
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	242829-67364				242829-67365				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/21/2024				11/21/2024				
Can Dilution Factor	1.59				1.63				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Propene	<SRL	U	1	1.59	<SRL	U	1	1.63	1.00
Dichlorodifluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Dimethyl Ether	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Chloromethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Vinyl Chloride	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Acetaldehyde	<SRL	U	1	7.94	<SRL	U	1	8.15	5.00
Methanol	<SRL	U	1	7.94	<SRL	U	1	8.15	5.00
1,3-Butadiene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Bromomethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Chloroethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Dichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Ethanol	<SRL	U	1	3.17	<SRL	U	1	3.26	2.00
Vinyl Bromide	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Acrolein	<SRL	U	1	1.59	<SRL	U	1	1.63	1.00
Acetone	4.22		1	3.17	<SRL	U	1	3.26	2.00
Trichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
2-Propanol (IPA)	<SRL	U	1	3.17	<SRL	U	1	3.26	2.00
Acrylonitrile	<SRL	U	1	1.59	<SRL	U	1	1.63	1.00
1,1-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.59	<SRL	U	1	1.63	1.00
TertButanol (TBA)	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Allyl Chloride	<SRL	U	1	1.59	<SRL	U	1	1.63	1.00
Carbon Disulfide	<SRL	U	1	3.17	<SRL	U	1	3.26	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,1-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Vinyl Acetate	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
2-Butanone (MEK)	<SRL	U	1	1.59	<SRL	U	1	1.63	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Hexane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Chloroform	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Ethyl Acetate	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Tetrahydrofuran	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,2-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Benzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242829
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/19/2024
DATE REPORTED : 11/22/2024
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	242829-67364				242829-67365				
Date Sampled	11/18/2024				11/18/2024				
Date Analyzed	11/21/2024				11/21/2024				
Can Dilution Factor	1.59				1.63				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Cyclohexane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,2-Dichloropropane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Bromodichloromethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,4-Dioxane	<SRL	U	1	1.59	<SRL	U	1	1.63	1.00
Trichloroethene (TCE)	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Methyl Methacrylate	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Heptane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Toluene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
2-Hexanone (MBK)	<SRL	U	1	1.59	<SRL	U	1	1.63	1.00
Dibromochloromethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,2-Dibromoethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Chlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Ethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
m & p-Xylene	<SRL	U	1	1.59	<SRL	U	1	1.63	1.00
Bromoform	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Styrene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
o-Xylene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
α-Pinene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
2-Chlorotoluene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
n-Propylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
4-Ethyltoluene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
β-Pinene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Sec-ButylBenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
n-ButylBenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Naphthalene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
Hexachlorobutadiene	<SRL	U	1	0.79	<SRL	U	1	0.81	0.50
BFB-Surrogate Std. % Recovery		107%				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 : 242829
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/19/2024
DATE REPORTED : 11/22/2024
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	242829-67366				
Date Sampled	11/18/2024				
Date Analyzed	11/21/2024				
Can Dilution Factor	1.87				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.94	0.50
Propene	<SRL	U	1	1.87	1.00
Dichlorodifluoromethane	<SRL	U	1	0.94	0.50
Dimethyl Ether	<SRL	U	1	0.94	0.50
Chloromethane	<SRL	U	1	0.94	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.94	0.50
Vinyl Chloride	<SRL	U	1	0.94	0.50
Acetaldehyde	<SRL	U	1	9.35	5.00
Methanol	<SRL	U	1	9.35	5.00
1,3-Butadiene	<SRL	U	1	0.94	0.50
Bromomethane	<SRL	U	1	0.94	0.50
Chloroethane	<SRL	U	1	0.94	0.50
Dichlorofluoromethane	<SRL	U	1	0.94	0.50
Ethanol	<SRL	U	1	3.74	2.00
Vinyl Bromide	<SRL	U	1	0.94	0.50
Acrolein	<SRL	U	1	1.87	1.00
Acetone	<SRL	U	1	3.74	2.00
Trichlorofluoromethane	<SRL	U	1	0.94	0.50
2-Propanol (IPA)	<SRL	U	1	3.74	2.00
Acrylonitrile	<SRL	U	1	1.87	1.00
1,1-Dichloroethene	<SRL	U	1	0.94	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.87	1.00
TertButanol (TBA)	<SRL	U	1	0.94	0.50
Allyl Chloride	<SRL	U	1	1.87	1.00
Carbon Disulfide	<SRL	U	1	3.74	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.94	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.94	0.50
1,1-Dichloroethane	<SRL	U	1	0.94	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.94	0.50
Vinyl Acetate	<SRL	U	1	0.94	0.50
2-Butanone (MEK)	<SRL	U	1	1.87	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.94	0.50
Hexane	<SRL	U	1	0.94	0.50
Chloroform	<SRL	U	1	0.94	0.50
Ethyl Acetate	<SRL	U	1	0.94	0.50
Tetrahydrofuran	<SRL	U	1	0.94	0.50
1,2-Dichloroethane	<SRL	U	1	0.94	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.94	0.50
Benzene	<SRL	U	1	0.94	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242829
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/19/2024
DATE REPORTED : 11/22/2024
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	242829-67366				
Date Sampled	11/18/2024				
Date Analyzed	11/21/2024				
Can Dilution Factor	1.87				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.94	0.50
Cyclohexane	<SRL	U	1	0.94	0.50
1,2-Dichloropropane	<SRL	U	1	0.94	0.50
Bromodichloromethane	<SRL	U	1	0.94	0.50
1,4-Dioxane	<SRL	U	1	1.87	1.00
Trichloroethene (TCE)	<SRL	U	1	0.94	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.94	0.50
Methyl Methacrylate	<SRL	U	1	0.94	0.50
Heptane	<SRL	U	1	0.94	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.94	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.94	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.94	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.94	0.50
Toluene	<SRL	U	1	0.94	0.50
2-Hexanone (MBK)	<SRL	U	1	1.87	1.00
Dibromochloromethane	<SRL	U	1	0.94	0.50
1,2-Dibromoethane	<SRL	U	1	0.94	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.94	0.50
Chlorobenzene	<SRL	U	1	0.94	0.50
Ethylbenzene	<SRL	U	1	0.94	0.50
m & p-Xylene	<SRL	U	1	1.87	1.00
Bromoform	<SRL	U	1	0.94	0.50
Styrene	<SRL	U	1	0.94	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.94	0.50
o-Xylene	<SRL	U	1	0.94	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.94	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.94	0.50
α-Pinene	<SRL	U	1	0.94	0.50
2-Chlorotoluene	<SRL	U	1	0.94	0.50
n-Propylbenzene	<SRL	U	1	0.94	0.50
4-Ethyltoluene	<SRL	U	1	0.94	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.94	0.50
ß-Pinene	<SRL	U	1	0.94	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.94	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.94	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.94	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.94	0.50
Sec-ButylBenzene	<SRL	U	1	0.94	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.94	0.50
n-ButylBenzene	<SRL	U	1	0.94	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.94	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.94	0.50
Naphthalene	<SRL	U	1	0.94	0.50
Hexachlorobutadiene	<SRL	U	1	0.94	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

LIMONENE ANALYSIS VIA TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 242829
MATRIX : AIR

DATE RECEIVED : 11/19/2024
DATE REPORTED : 11/22/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	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	242829-67360	11/18/2024	11/21/2024	<SRL	U	1.50	1.0	0.75	0.5	104%
MS-12	242829-67361	11/18/2024	11/21/2024	<SRL	U	1.57	1.0	0.79	0.5	109%
MS-08	242829-67362	11/18/2024	11/21/2024	<SRL	U	1.58	1.0	0.79	0.5	107%
MS-09	242829-67363	11/18/2024	11/21/2024	<SRL	U	1.32	1.0	0.66	0.5	108%
MS-10	242829-67364	11/18/2024	11/21/2024	<SRL	U	1.59	1.0	0.79	0.5	107%
MS-06	242829-67365	11/18/2024	11/21/2024	<SRL	U	1.63	1.0	0.81	0.5	104%
MS-11	242829-67366	11/18/2024	11/21/2024	<SRL	U	1.87	1.0	0.94	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 : 11/21/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	10.76	114
Chlorodifluoromethane	10.20	10.26	101
Propene	10.70	10.33	97
Dichlorodifluoromethane	10.40	10.93	105
Dimethyl Ether	10.10	10.04	99
Chloromethane	10.50	10.01	95
Dichlorotetrafluoroethane	10.20	9.51	93
Vinyl Chloride	10.60	9.14	86
Acetaldehyde	20.90	18.75	90
Methanol	20.40	18.51	91
1,3-Butadiene	10.70	10.89	102
Bromomethane	10.40	8.99	86
Chloroethane	10.40	9.66	93
Dichlorofluoromethane	10.10	9.46	94
Ethanol	11.40	11.95	105
Vinyl Bromide	10.10	9.74	96
Acrolein	10.90	11.00	101
Acetone	10.60	9.69	91
Trichlorofluoromethane	10.50	12.34	118
2-Propanol (IPA)	11.00	11.26	102
Acrylonitrile	11.10	12.01	108
1,1-Dichloroethene	10.50	10.05	96
Methylene Chloride (DCM)	10.40	9.55	92
TertButanol (TBA)	11.20	11.52	103
Allyl Chloride	10.20	10.80	106
Carbon Disulfide	10.50	10.12	96
Trichlorotrifluoroethane	10.30	9.98	97
trans-1,2-Dichloroethene	10.80	10.60	98
1,1-Dichloroethane	10.70	9.94	93
Methyl Tert Butyl Ether (MTBE)	10.70	10.32	96
Vinyl Acetate	11.00	13.18	120
2-Butanone (MEK)	10.70	10.32	96
cis-1,2-Dichloroethene	10.70	10.78	101
Hexane	10.80	9.92	92
Chloroform	10.70	10.85	101
Ethyl Acetate	10.70	11.08	104
Tetrahydrofuran	10.40	8.58	83
1,2-Dichloroethane	10.60	12.09	114
1,1,1-Trichloroethane	10.50	12.20	116
Benzene	10.70	9.77	91
Carbon Tetrachloride	10.30	13.02	126
Cyclohexane	10.50	8.65	82

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	9.17	86
Bromodichloromethane	10.50	12.16	116
1,4-Dioxane	10.50	10.12	96
Trichloroethene (TCE)	10.50	10.60	101
2,2,4-Trimethylpentane	10.10	9.66	96
Methyl Methacrylate	11.00	9.78	89
Heptane	10.50	8.89	85
cis-1,3-Dichloropropene	10.50	10.46	100
4-Methyl-2-pentanone (MiBK)	10.50	9.81	93
trans-1,3-Dichloropropene	10.60	11.21	106
1,1,2-Trichloroethane	10.60	9.65	91
Toluene	10.80	10.02	93
2-Hexanone (MBK)	10.50	9.78	93
Dibromochloromethane	10.60	12.11	114
1,2-Dibromoethane	10.60	10.59	100
Tetrachloroethene (PCE)	10.50	11.26	107
Chlorobenzene	10.80	10.75	100
Ethylbenzene	10.60	10.41	98
m & p-Xylene	21.20	21.12	100
Bromoform	10.60	13.58	128
Styrene	10.60	10.80	102
1,1,2,2-Tetrachloroethane	10.60	9.40	89
o-Xylene	10.60	10.52	99
1,2,3-Trichloropropane	11.00	12.04	109
Isopropylbenzene (Cumene)	10.40	10.48	101
α-Pinene	10.80	10.61	98
2-Chlorotoluene	10.30	10.88	106
n-Propylbenzene	10.10	10.24	101
4-Ethyltoluene	10.40	10.35	100
1,3,5-Trimethylbenzene	10.30	10.59	103
β-Pinene	10.90	8.97	82
1,2,4-Trimethylbenzene	10.30	10.40	101
Benzyl Chloride (a-Chlorotoluene)	10.30	11.38	110
1,3-Dichlorobenzene	10.30	12.70	123
1,4-Dichlorobenzene	10.20	11.05	108
Sec-ButylBenzene	10.00	9.88	99
1,2-Dichlorobenzene	10.40	11.19	108
n-ButylBenzene	10.20	10.92	107
1,2-Dibromo-3-Chloropropane	10.10	11.75	116
1,2,4-Trichlorobenzene	10.50	12.40	118
Naphthalene	10.90	11.29	104
Hexachlorobutadiene	10.80	13.90	129

[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 : 11/21/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	10.76	10.58	114	113	1.7
1,1-Dichloroethene	0.0	10.50	10.05	9.82	96	94	2.3
Methylene Chloride (DCM)	0.0	10.40	9.55	8.94	92	86	6.6
Benzene	0.0	10.70	9.77	9.42	91	88	3.6
Trichloroethene (TCE)	0.0	10.50	10.60	10.43	101	99	1.6
Toluene	0.0	10.80	10.02	9.65	93	89	3.8
Tetrachloroethene (PCE)	0.0	10.50	11.26	11.18	107	106	0.7
Chlorobenzene	0.0	10.80	10.75	10.34	100	96	3.9
Ethylbenzene	0.0	10.60	10.41	9.86	98	93	5.4
m & p-Xylene	0.0	21.20	21.12	19.98	100	94	5.5
o-Xylene	0.0	10.60	10.52	10.12	99	95	3.9

[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 : 11/21/2024 | **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 112124*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	110%	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 112124*	*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 : 11/21/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.87

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242829-67366

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	9.62	10.5	8.8
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol J	2.09	2.23	6.1
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone J	1.95	2.28	15.9
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	<SRL	<SRL	
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	<SRL	<SRL	
TertButanol (TBA)	<SRL	<SRL	
Allyl Chloride	<SRL	<SRL	
Carbon Disulfide	<SRL	<SRL	
Trichlorotrifluoroethane	<SRL	<SRL	
trans-1,2-Dichloroethene	<SRL	<SRL	
1,1-Dichloroethane	<SRL	<SRL	
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	
Vinyl Acetate	<SRL	<SRL	
2-Butanone (MEK)	<SRL	<SRL	
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	<SRL	<SRL	
Chloroform	<SRL	<SRL	
Ethyl Acetate	<SRL	<SRL	
Tetrahydrofuran	<SRL	<SRL	
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	<SRL	<SRL	
Carbon Tetrachloride	<SRL	<SRL	
Cyclohexane	<SRL	<SRL	

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

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

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

SRL - Sample Reporting Limit (minimum)

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 242829

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	11-18/19-24	0715 - 0715	67367	10 Liter Bag	X	
MS-12	11-18/19-24	0729 - 0729	67368	10 Liter Bag	X	
MS-08	11-18/19-24	0740 - 0740	67369	10 Liter Bag	X	
MS-09	11-18/19-24	0753 - 0753	67370	10 Liter Bag	X	
MS-10	11-18/19-24	0810 - 0810	67371	10 Liter Bag	X	
MS-06	11-18/19-24	0828 - 0834	67372	10 Liter Bag	X	
MS-11	11-18/19-24	0850 - 0850	67373	10 Liter Bag	X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-19-24	0940			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				11/19/24	0945

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 241829

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	11-18/19-24	0715-0715	67360	6L Summa Canister	X	X			-2 HG	002124 / 19511
MS-12	11-18/19-24	0729-0729	67361	6L Summa Canister	X	X			-5 HG	002088 / 19504
MS-08	11-18/19-24	0740-0740	67362	6L Summa Canister	X	X			-4 HG	002122 / 05097
MS-09	11-18/19-24	0753-0753	67363	6L Summa Canister	X	X			0 HG	001936 / 03109
MS-10	11-18/19-24	0810-0810	67364	6L Summa Canister	X	X			-5 HG	002133 / 17587
MS-06	11-18/19-24	0828-0834	67365	6L Summa Canister	X	X			-7 HG	002139 / 03527
MS-11	11-18/19-24	0850-0850	67366	6L Summa Canister	X	X			-8 HG	002155 / 000998

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-19-24	0940			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				11/19/24	0945
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

0/0- 7+ cans + 7+ caps Checks

Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 242829
REPORT DATE : 11/22/2024

On November 19th 2024, 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	242829-67360	675.5	MS-07	242829-67367
MS-12	242829-67361	648.5	MS-12	242829-67368
MS-08	242829-67362	643.0	MS-08	242829-67369
MS-09	242829-67363	776.0	MS-09	242829-67370
MS-10	242829-67364	642.0	MS-10	242829-67371
MS-06	242829-67365	626.5	MS-06	242829-67372
MS-11	242829-67366	548.0	MS-11	242829-67373

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

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242829
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/18-19/2024
RECEIVING DATE : 11/19/2024
ANALYSIS DATE : 11/20-21/2024
REPORT DATE : 11/22/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242829-67360	242829-67361	242829-67362	242829-67363
Canister Dil. Fac.	1.50	1.57	1.58	1.32
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.008	< 0.008	< 0.007
COS / SO2	< 0.008	< 0.008	< 0.008	< 0.007
Methyl Mercaptan	< 0.008	< 0.008	< 0.008	< 0.007
Ethyl Mercaptan	< 0.008	< 0.008	< 0.008	< 0.007
Dimethyl Sulfide	< 0.008	< 0.008	< 0.008	< 0.007
Carbon Disulfide	< 0.008	< 0.008	< 0.008	< 0.007
Isopropyl Mercaptan	< 0.008	< 0.008	< 0.008	< 0.007
tert-Butyl Mercaptan	< 0.008	< 0.008	< 0.008	< 0.007
n-Propyl Mercaptan	< 0.008	< 0.008	< 0.008	< 0.007
Methylethylsulfide	< 0.008	< 0.008	< 0.008	< 0.007
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.008	< 0.008	< 0.007
iso-Butyl Mercaptan	< 0.008	< 0.008	< 0.008	< 0.007
Diethyl Sulfide	< 0.008	< 0.008	< 0.008	< 0.007
n-Butyl Mercaptan	< 0.008	< 0.008	< 0.008	< 0.007
Dimethyl Disulfide	< 0.008	< 0.008	< 0.008	< 0.007
2-Methylthiophene	< 0.008	< 0.008	< 0.008	< 0.007
3-Methylthiophene	< 0.008	< 0.008	< 0.008	< 0.007
Tetrahydrothiophene	< 0.008	< 0.008	< 0.008	< 0.007
Bromothiophene	< 0.008	< 0.008	< 0.008	< 0.007
Thiophenol	< 0.008	< 0.008	< 0.008	< 0.007
Diethyl Disulfide	< 0.008	< 0.008	< 0.008	< 0.007
Total Unidentified Sulfur	< 0.008	< 0.008	< 0.008	< 0.007
Total Reduced Sulfurs	< 0.008	< 0.008	< 0.008	< 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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242829
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/18-19/2024
RECEIVING DATE : 11/19/2024
ANALYSIS DATE : 11/20-21/2024
REPORT DATE : 11/22/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242829-67364	242829-67365	242829-67366
Canister Dil. Fac.	1.59	1.63	1.87
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.008	< 0.009
COS / SO2	< 0.008	< 0.008	< 0.009
Methyl Mercaptan	< 0.008	< 0.008	< 0.009
Ethyl Mercaptan	< 0.008	< 0.008	< 0.009
Dimethyl Sulfide	< 0.008	< 0.008	< 0.009
Carbon Disulfide	< 0.008	< 0.008	< 0.009
Isopropyl Mercaptan	< 0.008	< 0.008	< 0.009
tert-Butyl Mercaptan	< 0.008	< 0.008	< 0.009
n-Propyl Mercaptan	< 0.008	< 0.008	< 0.009
Methylethylsulfide	< 0.008	< 0.008	< 0.009
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.008	< 0.009
iso-Butyl Mercaptan	< 0.008	< 0.008	< 0.009
Diethyl Sulfide	< 0.008	< 0.008	< 0.009
n-Butyl Mercaptan	< 0.008	< 0.008	< 0.009
Dimethyl Disulfide	< 0.008	< 0.008	< 0.009
2-Methylthiophene	< 0.008	< 0.008	< 0.009
3-Methylthiophene	< 0.008	< 0.008	< 0.009
Tetrahydrothiophene	< 0.008	< 0.008	< 0.009
Bromothiophene	< 0.008	< 0.008	< 0.009
Thiophenol	< 0.008	< 0.008	< 0.009
Diethyl Disulfide	< 0.008	< 0.008	< 0.009
Total Unidentified Sulfur	< 0.008	< 0.008	< 0.009
Total Reduced Sulfurs	< 0.008	< 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. : 242829
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/18-19/2024
RECEIVING DATE : 11/19/2024
ANALYSIS DATE : 11/19/2024
REPORT DATE : 11/22/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242829-67367	242829-67368	242829-67369	242829-67370
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. : 242829
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/18-19/2024
RECEIVING DATE : 11/19/2024
ANALYSIS DATE : 11/19/2024
REPORT DATE : 11/22/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242829-67371	242829-67372	242829-67373
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: 11/19/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6940	0.488	95.4	1.9
Duplicate	7277	0.511	100.1	2.8
Triplicate	7016	0.493	96.5	0.9

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5909	0.493	98.2	1.9
Duplicate	6090	0.508	101.2	1.1
Triplicate	6077	0.507	101.0	0.9

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8441	0.493	99.1	1.9
Duplicate	8620	0.503	101.2	0.2
Triplicate	8742	0.510	102.7	1.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID** 242827-67341

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** 242827-67341 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.253	0.249	99.0	97.5	1.6
MeSH	<PQL	0.251	0.250	0.235	99.6	93.6	6.2
DMS	<PQL	0.249	0.260	0.260	104.6	104.6	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.548	107.2
MeSH	0.502	0.515	102.6
DMS	0.497	0.536	107.8

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/20/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6933	0.487	95.3	1.2
Duplicate	7096	0.499	97.6	1.1
Triplicate	7028	0.494	96.6	0.1

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5947	0.496	98.8	2.3
Duplicate	6195	0.517	102.9	1.8
Triplicate	6113	0.510	101.6	0.5

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8541	0.498	100.3	1.0
Duplicate	8632	0.504	101.4	0.1
Triplicate	8696	0.508	102.1	0.8

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242843-67468**

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 242843-67468 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.230	0.235	90.0	92.0	2.2
MeSH	<PQL	0.251	0.241	0.250	96.0	99.6	3.7
DMS	<PQL	0.249	0.262	0.251	105.4	101.0	4.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.522	102.2
MeSH	0.502	0.517	103.0
DMS	0.497	0.528	106.2

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/20/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11261.25	494	96.7	0.3
Duplicate	11430.94	501	98.2	1.2
Triplicate	11184.59	490	96.1	1.0

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10225.82	504	100.5	0.3
Duplicate	10168.52	502	100.0	0.3
Triplicate	10192	503	100.2	0.0

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15075.74	513	103.2	0.1
Duplicate	14891.35	507	101.9	1.1
Triplicate	15199	517	104.0	1.0

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242843-67466**

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 242843-67466 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	242.0	249.8	94.8	97.9	3.2
MeSH	<PQL	250.9	250.8	256.4	100.0	102.2	2.2
DMS	<PQL	248.5	254.4	251.1	102.4	101.0	1.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	507.3	99.4
MeSH	501.8	508.8	101.4
DMS	497.0	526.4	105.9

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 50.0 ppbV
MDL =5.0 ppbV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 11/21/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7196	0.506	99.0	1.1
Duplicate	7497	0.527	103.1	3.0
Triplicate	7140	0.502	98.2	1.9

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6082	0.507	101.1	1.5
Duplicate	6233	0.520	103.6	1.0
Triplicate	6207	0.518	103.1	0.5

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8524	0.497	100.1	2.5
Duplicate	8896	0.519	104.5	1.7
Triplicate	8813	0.514	103.5	0.8

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242862-67566**

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 242862-67566 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.259	0.245	101.4	95.9	5.6
MeSH	<PQL	0.251	0.258	0.265	102.8	105.6	2.7
DMS	<PQL	0.249	0.260	0.262	104.6	105.4	0.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.481	94.1
MeSH	0.502	0.473	94.2
DMS	0.497	0.510	102.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

CHAIN OF CUSTODY RECORD 241829

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	11-18/19-24	0715-0715	67360	6L Summa Canister	X	X			-2 HG	002124 / 19511
MS-12	11-18/19-24	0729-0729	67361	6L Summa Canister	X	X			-5 HG	002088 / 19504
MS-08	11-18/19-24	0740-0740	67362	6L Summa Canister	X	X			-4 HG	002122 / 05097
MS-09	11-18/19-24	0753-0753	67363	6L Summa Canister	X	X			0 HG	001936 / 03109
MS-10	11-18/19-24	0810-0810	67364	6L Summa Canister	X	X			-5 HG	002133 / 17587
MS-06	11-18/19-24	0828-0834	67365	6L Summa Canister	X	X			-7 HG	002139 / 03527
MS-11	11-18/19-24	0850-0850	67366	6L Summa Canister	X	X			-8 HG	002155 / 000998

Relinquished by: (Signature)

Date: 11-19-24 Time: 0940

Received by: (Signature)

Relinquished by: (Signature)

Date: Time:

Received by: (Signature)

Relinquished by: (Signature)

Date: Time:

Received for Laboratory: (Signature)

Date: 11/19/24 Time: 0945

Sample Disposal Method:

Disposed of by: (Signature)

Date: Time:

Sample Collector

Analytical Laboratory: AAC Ventura

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

CHAIN OF CUSTODY RECORD 242829

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	11-18/19-24	0715 - 0715	67367	10 Liter Bag	X					
MS-12	11-18/19-24	0729 - 0729	67368	10 Liter Bag	X					
MS-08	11-18/19-24	0740 - 0740	67369	10 Liter Bag	X					
MS-09	11-18/19-24	0753 - 0753	67370	10 Liter Bag	X					
MS-10	11-18/19-24	0810 - 0810	67371	10 Liter Bag	X					
MS-06	11-18/19-24	0828 - 0834	67372	10 Liter Bag	X					
MS-11	11-18/19-24	0850 - 0850	67373	10 Liter Bag	X					

Relinquished by: (Signature)

Date	Time	Received by: (Signature)	Date	Time
11-19-24	0940			

Relinquished by: (Signature)

Date	Time	Received by: (Signature)	Date	Time

Relinquished by: (Signature)

Date	Time	Received for Laboratory: (Signature)	Date	Time
			11/19/24	0945

Sample Disposal Method:

Disposed of by: (Signature)

Date	Time

Sample Collector

Analytical Laboratory

AAC Ventura

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Atmospheric Analysis & Consulting, Inc.

CLIENT	: SCS Engineers
PROJECT NAME	: Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO.	: 242916
REPORT DATE	: 12/02/2024

On November 26, 2024, 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	242916-67856	665.5
MS-12	242916-67857	669.5
MS-08	242916-67858	688.0
MS-09	242916-67859	675.5
MS-10	242916-67860	647.0
MS-06	242916-67861	716.0
MS-11	242916-67862	645.0

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

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

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 16 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242916
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/26/2024
DATE REPORTED : 12/02/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-07			Sample Reporting Limit (SRL)	MS-12			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	242916-67856				242916-67857				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/27/2024				11/27/2024				
Can Dilution Factor	1.37				1.36				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Propene	<SRL	U	1	1.37	<SRL	U	1	1.36	1.00
Dichlorodifluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Dimethyl Ether	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Chloromethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Vinyl Chloride	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Acetaldehyde	<SRL	U	1	6.83	<SRL	U	1	6.79	5.00
Methanol	<SRL	U	1	6.83	<SRL	U	1	6.79	5.00
1,3-Butadiene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Bromomethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Chloroethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Dichlorofluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Ethanol	2.99		1	2.73	4.02		1	2.72	2.00
Vinyl Bromide	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Acrolein	<SRL	U	1	1.37	<SRL	U	1	1.36	1.00
Acetone	3.40		1	2.73	3.10		1	2.72	2.00
Trichlorofluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
2-Propanol (IPA)	<SRL	U	1	2.73	<SRL	U	1	2.72	2.00
Acrylonitrile	<SRL	U	1	1.37	<SRL	U	1	1.36	1.00
1,1-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.37	<SRL	U	1	1.36	1.00
TertButanol (TBA)	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Allyl Chloride	<SRL	U	1	1.37	<SRL	U	1	1.36	1.00
Carbon Disulfide	<SRL	U	1	2.73	<SRL	U	1	2.72	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,1-Dichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Vinyl Acetate	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
2-Butanone (MEK)	<SRL	U	1	1.37	<SRL	U	1	1.36	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Hexane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Chloroform	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Ethyl Acetate	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Tetrahydrofuran	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,2-Dichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Benzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242916
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/26/2024
DATE REPORTED : 12/02/2024
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	242916-67856				242916-67857				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/27/2024				11/27/2024				
Can Dilution Factor	1.37				1.36				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Cyclohexane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,2-Dichloropropane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Bromodichloromethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,4-Dioxane	<SRL	U	1	1.37	<SRL	U	1	1.36	1.00
Trichloroethene (TCE)	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Methyl Methacrylate	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Heptane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Toluene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
2-Hexanone (MBK)	<SRL	U	1	1.37	<SRL	U	1	1.36	1.00
Dibromochloromethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,2-Dibromoethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Chlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Ethylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
m & p-Xylene	<SRL	U	1	1.37	<SRL	U	1	1.36	1.00
Bromoform	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Styrene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
o-Xylene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
α-Pinene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
2-Chlorotoluene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
n-Propylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
4-Ethyltoluene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
β-Pinene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Sec-ButylBenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
n-ButylBenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Naphthalene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
Hexachlorobutadiene	<SRL	U	1	0.68	<SRL	U	1	0.68	0.50
BFB-Surrogate Std. % Recovery		112%				113%			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 : 242916
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/26/2024
DATE REPORTED : 12/02/2024
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	242916-67858				242916-67859				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/27/2024				11/27/2024				
Can Dilution Factor	1.32				1.35				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Propene	<SRL	U	1	1.32	<SRL	U	1	1.35	1.00
Dichlorodifluoromethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Dimethyl Ether	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Chloromethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Vinyl Chloride	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Acetaldehyde	<SRL	U	1	6.62	<SRL	U	1	6.75	5.00
Methanol	<SRL	U	1	6.62	<SRL	U	1	6.75	5.00
1,3-Butadiene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Bromomethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Chloroethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Dichlorofluoromethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Ethanol	2.99		1	2.65	<SRL	U	1	2.70	2.00
Vinyl Bromide	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Acrolein	<SRL	U	1	1.32	<SRL	U	1	1.35	1.00
Acetone	2.89		1	2.65	10.5		1	2.70	2.00
Trichlorofluoromethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
2-Propanol (IPA)	<SRL	U	1	2.65	<SRL	U	1	2.70	2.00
Acrylonitrile	<SRL	U	1	1.32	<SRL	U	1	1.35	1.00
1,1-Dichloroethene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.32	<SRL	U	1	1.35	1.00
TertButanol (TBA)	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Allyl Chloride	<SRL	U	1	1.32	<SRL	U	1	1.35	1.00
Carbon Disulfide	<SRL	U	1	2.65	<SRL	U	1	2.70	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,1-Dichloroethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Vinyl Acetate	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
2-Butanone (MEK)	<SRL	U	1	1.32	<SRL	U	1	1.35	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Hexane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Chloroform	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Ethyl Acetate	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Tetrahydrofuran	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,2-Dichloroethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Benzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242916
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/26/2024
DATE REPORTED : 12/02/2024
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	242916-67858				242916-67859				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/27/2024				11/27/2024				
Can Dilution Factor	1.32				1.35				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Cyclohexane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,2-Dichloropropane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Bromodichloromethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,4-Dioxane	<SRL	U	1	1.32	<SRL	U	1	1.35	1.00
Trichloroethene (TCE)	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Methyl Methacrylate	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Heptane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Toluene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
2-Hexanone (MBK)	<SRL	U	1	1.32	<SRL	U	1	1.35	1.00
Dibromochloromethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,2-Dibromoethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Chlorobenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Ethylbenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
m & p-Xylene	<SRL	U	1	1.32	<SRL	U	1	1.35	1.00
Bromoform	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Styrene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
o-Xylene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
α-Pinene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
2-Chlorotoluene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
n-Propylbenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
4-Ethyltoluene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
β-Pinene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Sec-ButylBenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
n-ButylBenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Naphthalene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
Hexachlorobutadiene	<SRL	U	1	0.66	<SRL	U	1	0.68	0.50
BFB-Surrogate Std. % Recovery		115%				111%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242916
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/26/2024
DATE REPORTED : 12/02/2024
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	242916-67860				242916-67861				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/27/2024				11/27/2024				
Can Dilution Factor	1.41				1.28				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Propene	<SRL	U	1	1.41	<SRL	U	1	1.28	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Dimethyl Ether	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Chloromethane	0.75		1	0.70	<SRL	U	1	0.64	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Vinyl Chloride	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Acetaldehyde	<SRL	U	1	7.03	<SRL	U	1	6.42	5.00
Methanol	<SRL	U	1	7.03	<SRL	U	1	6.42	5.00
1,3-Butadiene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Bromomethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Chloroethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Dichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Ethanol	4.30		1	2.81	3.97		1	2.57	2.00
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Acrolein	<SRL	U	1	1.41	<SRL	U	1	1.28	1.00
Acetone	5.81		1	2.81	4.54		1	2.57	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
2-Propanol (IPA)	<SRL	U	1	2.81	<SRL	U	1	2.57	2.00
Acrylonitrile	<SRL	U	1	1.41	<SRL	U	1	1.28	1.00
1,1-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.41	<SRL	U	1	1.28	1.00
TertButanol (TBA)	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Allyl Chloride	<SRL	U	1	1.41	<SRL	U	1	1.28	1.00
Carbon Disulfide	<SRL	U	1	2.81	<SRL	U	1	2.57	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,1-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Vinyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
2-Butanone (MEK)	<SRL	U	1	1.41	<SRL	U	1	1.28	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Hexane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Chloroform	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Ethyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Tetrahydrofuran	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,2-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Benzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242916
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/26/2024
DATE REPORTED : 12/02/2024
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	242916-67860				242916-67861				
Date Sampled	11/25/2024				11/25/2024				
Date Analyzed	11/27/2024				11/27/2024				
Can Dilution Factor	1.41				1.28				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Cyclohexane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,2-Dichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Bromodichloromethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,4-Dioxane	<SRL	U	1	1.41	<SRL	U	1	1.28	1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Methyl Methacrylate	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Heptane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Toluene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
2-Hexanone (MBK)	<SRL	U	1	1.41	<SRL	U	1	1.28	1.00
Dibromochloromethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,2-Dibromoethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Chlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Ethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
m & p-Xylene	<SRL	U	1	1.41	<SRL	U	1	1.28	1.00
Bromoform	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Styrene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
o-Xylene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
α-Pinene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
2-Chlorotoluene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
n-Propylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
4-Ethyltoluene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
β-Pinene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Sec-ButylBenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
n-ButylBenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Naphthalene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
Hexachlorobutadiene	<SRL	U	1	0.70	<SRL	U	1	0.64	0.50
BFB-Surrogate Std. % Recovery		109%				112%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242916
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/26/2024
DATE REPORTED : 12/02/2024
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	242916-67862				
Date Sampled	11/25/2024				
Date Analyzed	11/27/2024				
Can Dilution Factor	1.41				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	0.50
Propene	<SRL	U	1	1.41	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	0.50
Dimethyl Ether	<SRL	U	1	0.70	0.50
Chloromethane	<SRL	U	1	0.70	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.70	0.50
Vinyl Chloride	<SRL	U	1	0.70	0.50
Acetaldehyde	<SRL	U	1	7.04	5.00
Methanol	<SRL	U	1	7.04	5.00
1,3-Butadiene	<SRL	U	1	0.70	0.50
Bromomethane	<SRL	U	1	0.70	0.50
Chloroethane	<SRL	U	1	0.70	0.50
Dichlorofluoromethane	<SRL	U	1	0.70	0.50
Ethanol	<SRL	U	1	2.82	2.00
Vinyl Bromide	<SRL	U	1	0.70	0.50
Acrolein	<SRL	U	1	1.41	1.00
Acetone	<SRL	U	1	2.82	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.82	2.00
Acrylonitrile	<SRL	U	1	1.41	1.00
1,1-Dichloroethene	<SRL	U	1	0.70	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.41	1.00
TertButanol (TBA)	<SRL	U	1	0.70	0.50
Allyl Chloride	<SRL	U	1	1.41	1.00
Carbon Disulfide	<SRL	U	1	2.82	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.70	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.70	0.50
1,1-Dichloroethane	<SRL	U	1	0.70	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	0.50
Vinyl Acetate	<SRL	U	1	0.70	0.50
2-Butanone (MEK)	<SRL	U	1	1.41	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	0.50
Hexane	<SRL	U	1	0.70	0.50
Chloroform	<SRL	U	1	0.70	0.50
Ethyl Acetate	<SRL	U	1	0.70	0.50
Tetrahydrofuran	<SRL	U	1	0.70	0.50
1,2-Dichloroethane	<SRL	U	1	0.70	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.70	0.50
Benzene	<SRL	U	1	0.70	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242916
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 11/26/2024
DATE REPORTED : 12/02/2024
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	242916-67862				
Date Sampled	11/25/2024				
Date Analyzed	11/27/2024				
Can Dilution Factor	1.41				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.70	0.50
Cyclohexane	<SRL	U	1	0.70	0.50
1,2-Dichloropropane	<SRL	U	1	0.70	0.50
Bromodichloromethane	<SRL	U	1	0.70	0.50
1,4-Dioxane	<SRL	U	1	1.41	1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.70	0.50
Methyl Methacrylate	<SRL	U	1	0.70	0.50
Heptane	<SRL	U	1	0.70	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.70	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.70	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.70	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.70	0.50
Toluene	<SRL	U	1	0.70	0.50
2-Hexanone (MBK)	<SRL	U	1	1.41	1.00
Dibromochloromethane	<SRL	U	1	0.70	0.50
1,2-Dibromoethane	<SRL	U	1	0.70	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.70	0.50
Chlorobenzene	<SRL	U	1	0.70	0.50
Ethylbenzene	<SRL	U	1	0.70	0.50
m & p-Xylene	<SRL	U	1	1.41	1.00
Bromoform	<SRL	U	1	0.70	0.50
Styrene	<SRL	U	1	0.70	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	0.50
o-Xylene	<SRL	U	1	0.70	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.70	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.70	0.50
α-Pinene	<SRL	U	1	0.70	0.50
2-Chlorotoluene	<SRL	U	1	0.70	0.50
n-Propylbenzene	<SRL	U	1	0.70	0.50
4-Ethyltoluene	<SRL	U	1	0.70	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.70	0.50
β-Pinene	<SRL	U	1	0.70	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.70	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.70	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.70	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.70	0.50
Sec-ButylBenzene	<SRL	U	1	0.70	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.70	0.50
n-ButylBenzene	<SRL	U	1	0.70	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.70	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.70	0.50
Naphthalene	<SRL	U	1	0.70	0.50
Hexachlorobutadiene	<SRL	U	1	0.70	0.50
BFB-Surrogate Std. % Recovery		112%			70-130%

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

Laboratory Analysis Report
LIMONENE ANALYSIS VIA TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 242916
MATRIX : AIR

DATE RECEIVED : 11/26/2024
DATE REPORTED : 12/02/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	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	242916-67856	11/25/2024	11/27/2024	<SRL	U	1.37	1.0	0.68	0.5	112%
MS-12	242916-67857	11/25/2024	11/27/2024	<SRL	U	1.36	1.0	0.68	0.5	113%
MS-08	242916-67858	11/25/2024	11/27/2024	<SRL	U	1.32	1.0	0.66	0.5	115%
MS-09	242916-67859	11/25/2024	11/27/2024	<SRL	U	1.35	1.0	0.68	0.5	111%
MS-10	242916-67860	11/25/2024	11/27/2024	<SRL	U	1.41	1.0	0.70	0.5	109%
MS-06	242916-67861	11/25/2024	11/27/2024	<SRL	U	1.28	1.0	0.64	0.5	112%
MS-11	242916-67862	11/25/2024	11/27/2024	<SRL	U	1.41	1.0	0.70	0.5	112%

* 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 : 11/27/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 10/30/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	11.04	117
Chlorodifluoromethane	10.20	8.86	87
Propene	10.70	8.51	80
Dichlorodifluoromethane	10.40	11.19	108
Dimethyl Ether	10.10	8.43	83
Chloromethane	10.50	8.56	82
Dichlorotetrafluoroethane	10.20	9.94	97
Vinyl Chloride	10.60	8.39	79
Acetaldehyde	20.90	15.03	72
Methanol	20.40	15.43	76
1,3-Butadiene	10.70	9.47	89
Bromomethane	10.40	9.14	88
Chloroethane	10.40	8.17	79
Dichlorofluoromethane	10.10	9.35	93
Ethanol	11.40	9.45	83
Vinyl Bromide	10.10	9.65	96
Acrolein	10.90	9.52	87
Acetone	10.60	8.58	81
Trichlorofluoromethane	10.50	13.33	127
2-Propanol (IPA)	11.00	9.52	87
Acrylonitrile	11.10	9.73	88
1,1-Dichloroethene	10.50	9.98	95
Methylene Chloride (DCM)	10.40	8.99	86
TertButanol (TBA)	11.20	10.60	95
Allyl Chloride	10.20	9.18	90
Carbon Disulfide	10.50	9.68	92
Trichlorotrifluoroethane	10.30	10.27	100
trans-1,2-Dichloroethene	10.80	10.67	99
1,1-Dichloroethane	10.70	9.24	86
Methyl Tert Butyl Ether (MTBE)	10.70	10.36	97
Vinyl Acetate	11.00	9.52	87
2-Butanone (MEK)	10.70	8.79	82
cis-1,2-Dichloroethene	10.70	10.45	98
Hexane	10.80	9.88	91
Chloroform	10.70	11.24	105
Ethyl Acetate	10.70	9.19	86
Tetrahydrofuran	10.40	8.33	80
1,2-Dichloroethane	10.60	12.01	113
1,1,1-Trichloroethane	10.50	13.26	126
Benzene	10.70	8.98	84
Carbon Tetrachloride	10.30	13.11	127
Cyclohexane	10.50	8.05	77

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	8.06	75
Bromodichloromethane	10.50	11.74	112
1,4-Dioxane	10.50	9.41	90
Trichloroethene (TCE)	10.50	10.65	101
2,2,4-Trimethylpentane	10.10	8.11	80
Methyl Methacrylate	11.00	8.76	80
Heptane	10.50	7.92	75
cis-1,3-Dichloropropene	10.50	9.66	92
4-Methyl-2-pentanone (MiBK)	10.50	8.05	77
trans-1,3-Dichloropropene	10.60	10.44	98
1,1,2-Trichloroethane	10.60	9.12	86
Toluene	10.80	9.49	88
2-Hexanone (MBK)	10.50	8.20	78
Dibromochloromethane	10.60	12.41	117
1,2-Dibromoethane	10.60	10.23	97
Tetrachloroethene (PCE)	10.50	12.22	116
Chlorobenzene	10.80	10.51	97
Ethylbenzene	10.60	9.83	93
m & p-Xylene	21.20	20.63	97
Bromoform	10.60	13.23	125
Styrene	10.60	10.54	99
1,1,2,2-Tetrachloroethane	10.60	8.35	79
o-Xylene	10.60	10.03	95
1,2,3-Trichloropropane	11.00	11.73	107
Isopropylbenzene (Cumene)	10.40	10.15	98
α-Pinene	10.80	10.29	95
2-Chlorotoluene	10.30	10.81	105
n-Propylbenzene	10.10	10.08	100
4-Ethyltoluene	10.40	10.26	99
1,3,5-Trimethylbenzene	10.30	10.52	102
β-Pinene	10.90	9.71	89
1,2,4-Trimethylbenzene	10.30	10.28	100
Benzyl Chloride (a-Chlorotoluene)	10.30	11.37	110
1,3-Dichlorobenzene HR	10.30	13.82	134
1,4-Dichlorobenzene	10.20	11.56	113
Sec-ButylBenzene	10.00	9.35	94
1,2-Dichlorobenzene	10.40	11.07	106
n-ButylBenzene	10.20	10.77	106
1,2-Dibromo-3-Chloropropane	10.10	11.27	112
1,2,4-Trichlorobenzene	10.50	12.55	120
Naphthalene	10.90	10.93	100
Hexachlorobutadiene HR	10.80	14.87	138

[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 : 11/27/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS [1] Recovery*	*LCSD [1] Recovery*	*LCS [1] % Recovery [2]*	*LCSD [1] % Recovery [2]*	*RPD [3]*
4-BFB (surrogate standard)	0.0	9.40	11.04	11.09	117	118	0.5
1,1-Dichloroethene	0.0	10.50	9.98	10.55	95	100	5.6
Methylene Chloride (DCM)	0.0	10.40	8.99	9.19	86	88	2.2
Benzene	0.0	10.70	8.98	9.20	84	86	2.4
Trichloroethene (TCE)	0.0	10.50	10.65	11.17	101	106	4.8
Toluene	0.0	10.80	9.49	9.75	88	90	2.7
Tetrachloroethene (PCE)	0.0	10.50	12.22	12.38	116	118	1.3
Chlorobenzene	0.0	10.80	10.51	10.27	97	95	2.3
Ethylbenzene	0.0	10.60	9.83	9.94	93	94	1.1
m & p-Xylene	0.0	21.20	20.63	21.18	97	100	2.6
o-Xylene	0.0	10.60	10.03	10.36	95	98	3.2

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

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

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

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

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/27/2024
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 112724*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	117%	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 112724*	*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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Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 11/27/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x16.22

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242831-66380

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	10.7	11.0	2.8
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	<SRL	<SRL	
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone	636	619	2.7
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)

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CHAIN OF CUSTODY RECORD 242916

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	11-25/26-24	0703 - 0703	67856	6L Summa Canister	X	X			0 HG	002153 / 19507
MS-12	11-25/26-24	0715 - 0715	67857	6L Summa Canister	X	X			-5 HG	001942 / FC76
MS-08	11-25/26-24	0725 - 0725	67858	6L Summa Canister	X	X			-4 HG	001939 / 19506
MS-09	11-25/26-24	0740 - 0740	67859	6L Summa Canister	X	X			-9 HG	001925 / 000884
MS-10	11-25/26-24	0753 - 0753	67860	6L Summa Canister	X	X			-5 HG	001955 / 17590
MS-06	11-25/26-24	0810 - 0810	67861	6L Summa Canister	X	X			-4 HG	001986 / 02323
MS-11	11-25/26-24	0828 - 0828	67862	6L Summa Canister	X	X			-6 HG	001962 / 000882

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-26-24	0930			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				11/26/24	0928

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

910 - 7L cans + 7L coated Bricks

CHAIN OF CUSTODY RECORD 272916

Client/Project Name SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling	Project Location Valencia, CA	ANALYSES
Project No.	Field Logbook No.	
Sampler: (Print) D Hernandez	(Signature)	No. Of Containers 7

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.91 Sulfur					Remarks
MS-07	11-25/26-24	0703 - 0703	67863	10 Liter Bag	X					
MS-12	11-25/26-24	0715 - 0715	67864	10 Liter Bag	X					
MS-08	11-25/26-24	0725 - 0725	67865	10 Liter Bag	X					
MS-09	11-25/26-24	0740 - 0740	67866	10 Liter Bag	X					
MS-10	11-25/26-24	0753 - 0753	67867	10 Liter Bag	X					
MS-06	11-25/26-24	0810 - 0810	67868	10 Liter Bag	X					
MS-11	11-25/26-24	0828 - 0828	67869	10 Liter Bag	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-26-24	0930			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
				11/26/24	0928
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. : 242916
REPORT DATE : 12/03/2024

On November 26th 2024, 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	242916-67856	665.5	MS-07	242916-67863
MS-12	242916-67857	669.5	MS-12	242916-67864
MS-08	242916-67858	688.0	MS-08	242916-67865
MS-09	242916-67859	675.5	MS-09	242916-67866
MS-10	242916-67860	647.0	MS-10	242916-67867
MS-06	242916-67861	716.0	MS-06	242916-67868
MS-11	242916-67862	645.0	MS-11	242916-67869

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. : 242916
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/25-26/2024
RECEIVING DATE : 11/26/2024
ANALYSIS DATE : 12/02/2024
REPORT DATE : 12/03/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242916-67856	242916-67857	242916-67858	242916-67859
Canister Dil. Fac.	1.37	1.36	1.32	1.35
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.007	< 0.007	< 0.007	< 0.007
COS / SO2	< 0.007	< 0.007	< 0.007	< 0.007
Methyl Mercaptan	< 0.007	< 0.007	< 0.007	< 0.007
Ethyl Mercaptan	< 0.007	< 0.007	< 0.007	< 0.007
Dimethyl Sulfide	< 0.007	< 0.007	< 0.007	< 0.007
Carbon Disulfide	< 0.007	< 0.007	< 0.007	< 0.007
Isopropyl Mercaptan	< 0.007	< 0.007	< 0.007	< 0.007
tert-Butyl Mercaptan	< 0.007	< 0.007	< 0.007	< 0.007
n-Propyl Mercaptan	< 0.007	< 0.007	< 0.007	< 0.007
Methylethylsulfide	< 0.007	< 0.007	< 0.007	< 0.007
sec-Butyl Mercaptan / Thiophene	< 0.007	< 0.007	< 0.007	< 0.007
iso-Butyl Mercaptan	< 0.007	< 0.007	< 0.007	< 0.007
Diethyl Sulfide	< 0.007	< 0.007	< 0.007	< 0.007
n-Butyl Mercaptan	< 0.007	< 0.007	< 0.007	< 0.007
Dimethyl Disulfide	< 0.007	< 0.007	< 0.007	< 0.007
2-Methylthiophene	< 0.007	< 0.007	< 0.007	< 0.007
3-Methylthiophene	< 0.007	< 0.007	< 0.007	< 0.007
Tetrahydrothiophene	< 0.007	< 0.007	< 0.007	< 0.007
Bromothiophene	< 0.007	< 0.007	< 0.007	< 0.007
Thiophenol	< 0.007	< 0.007	< 0.007	< 0.007
Diethyl Disulfide	< 0.007	< 0.007	< 0.007	< 0.007
Total Unidentified Sulfur	< 0.007	< 0.007	< 0.007	< 0.007
Total Reduced Sulfurs	< 0.007	< 0.007	< 0.007	< 0.007

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

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242916
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/25-26/2024
RECEIVING DATE : 11/26/2024
ANALYSIS DATE : 12/02/2024
REPORT DATE : 12/03/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242916-67860	242916-67861	242916-67862
Canister Dil. Fac.	1.41	1.28	1.41
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.007	< 0.006	< 0.007
COS / SO2	< 0.007	< 0.006	< 0.007
Methyl Mercaptan	< 0.007	< 0.006	< 0.007
Ethyl Mercaptan	< 0.007	< 0.006	< 0.007
Dimethyl Sulfide	< 0.007	< 0.006	< 0.007
Carbon Disulfide	< 0.007	< 0.006	< 0.007
Isopropyl Mercaptan	< 0.007	< 0.006	< 0.007
tert-Butyl Mercaptan	< 0.007	< 0.006	< 0.007
n-Propyl Mercaptan	< 0.007	< 0.006	< 0.007
Methylethylsulfide	< 0.007	< 0.006	< 0.007
sec-Butyl Mercaptan / Thiophene	< 0.007	< 0.006	< 0.007
iso-Butyl Mercaptan	< 0.007	< 0.006	< 0.007
Diethyl Sulfide	< 0.007	< 0.006	< 0.007
n-Butyl Mercaptan	< 0.007	< 0.006	< 0.007
Dimethyl Disulfide	< 0.007	< 0.006	< 0.007
2-Methylthiophene	< 0.007	< 0.006	< 0.007
3-Methylthiophene	< 0.007	< 0.006	< 0.007
Tetrahydrothiophene	< 0.007	< 0.006	< 0.007
Bromothiophene	< 0.007	< 0.006	< 0.007
Thiophenol	< 0.007	< 0.006	< 0.007
Diethyl Disulfide	< 0.007	< 0.006	< 0.007
Total Unidentified Sulfur	< 0.007	< 0.006	< 0.007
Total Reduced Sulfurs	< 0.007	< 0.006	< 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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242916
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/25-26/2024
RECEIVING DATE : 11/26/2024
ANALYSIS DATE : 11/26/2024
REPORT DATE : 12/03/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242916-67863	242916-67864	242916-67865	242916-67866
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. : 242916
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 11/25-26/2024
RECEIVING DATE : 11/26/2024
ANALYSIS DATE : 11/26/2024
REPORT DATE : 12/03/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242916-67867	242916-67868	242916-67869
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: 11/26/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7125	0.501	98.0	0.7
Duplicate	7150	0.502	98.3	0.4
Triplicate	7255	0.510	99.8	1.1

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6133	0.512	101.9	1.7
Duplicate	5899	0.492	98.0	2.2
Triplicate	6065	0.506	100.8	0.5

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8683	0.507	102.0	1.3
Duplicate	8776	0.512	103.1	0.2
Triplicate	8924	0.521	104.8	1.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242913-67847**

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 242913-67847 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.261	0.242	102.2	94.7	7.6
MeSH	<PQL	0.251	0.242	0.253	96.4	100.8	4.4
DMS	<PQL	0.249	0.260	0.260	104.6	104.6	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.483	94.5
MeSH	0.502	0.497	99.0
DMS	0.497	0.512	103.0

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/2/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6947	0.488	95.5	2.5
Duplicate	7346	0.516	101.0	3.1
Triplicate	7076	0.497	97.3	0.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5980	0.499	99.4	0.9
Duplicate	6045	0.504	100.4	0.2
Triplicate	6074	0.507	100.9	0.7

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8507	0.496	99.9	2.8
Duplicate	8862	0.517	104.1	1.3
Triplicate	8881	0.518	104.3	1.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.233	0.234	91.2	91.6	0.4
MeSH	<PQL	0.251	0.226	0.227	90.0	90.4	0.4
DMS	<PQL	0.249	0.253	0.243	101.8	97.8	4.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.492	96.3
MeSH	0.502	0.493	98.2
DMS	0.497	0.524	105.4

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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CHAIN OF CUSTODY RECORD 242916

Client/Project Name	Project Location
SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling	Valencia, CA
Project No.	**Field Logbook No.**
Sampler: (Print) D Hernandez	**(Signature)**
No. Of Containers 7	

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.91 Sulfur	Extended List TO-15			End Pressure	Canister / Controller
MS-07	11-25/26-24	0703 - 0703	67856	6L Summa Canister	X	X			0 HG	002153 / 19507
MS-12	11-25/26-24	0715 - 0715	67857	6L Summa Canister	X	X			-5 HG	001942 / FC76
MS-08	11-25/26-24	0725 - 0725	67858	6L Summa Canister	X	X			-4 HG	001939 / 19506
MS-09	11-25/26-24	0740 - 0740	67859	6L Summa Canister	X	X			-9 HG	001925 / 000884
MS-10	11-25/26-24	0753 - 0753	67860	6L Summa Canister	X	X			-5 HG	001955 / 17590
MS-06	11-25/26-24	0810 - 0810	67861	6L Summa Canister	X	X			-4 HG	001986 / 02323
MS-11	11-25/26-24	0828 - 0828	67862	6L Summa Canister	X	X			-6 HG	001962 / 000882

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-26-24	0930			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				11/26/24	0928

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 272916

Client/Project Name SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling	Project Location Valencia, CA	ANALYSES
Project No.	Field Logbook No.	
Sampler: (Print) D Hernandez	(Signature)	No. Of Containers 7

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.91 Sulfur					Remarks
MS-07	11-25/26-24	0703 - 0703	67863	10 Liter Bag	X					
MS-12	11-25/26-24	0715 - 0715	67864	10 Liter Bag	X					
MS-08	11-25/26-24	0725 - 0725	67865	10 Liter Bag	X					
MS-09	11-25/26-24	0740 - 0740	67866	10 Liter Bag	X					
MS-10	11-25/26-24	0753 - 0753	67867	10 Liter Bag	X					
MS-06	11-25/26-24	0810 - 0810	67868	10 Liter Bag	X					
MS-11	11-25/26-24	0828 - 0828	67869	10 Liter Bag	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-26-24	0930			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date 11/26/24	Time 0928
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

January 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, December 2024, 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 October 2024 weekly grab samples and odor samples are found in **Attachment A** and **Attachment B** respectively.

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

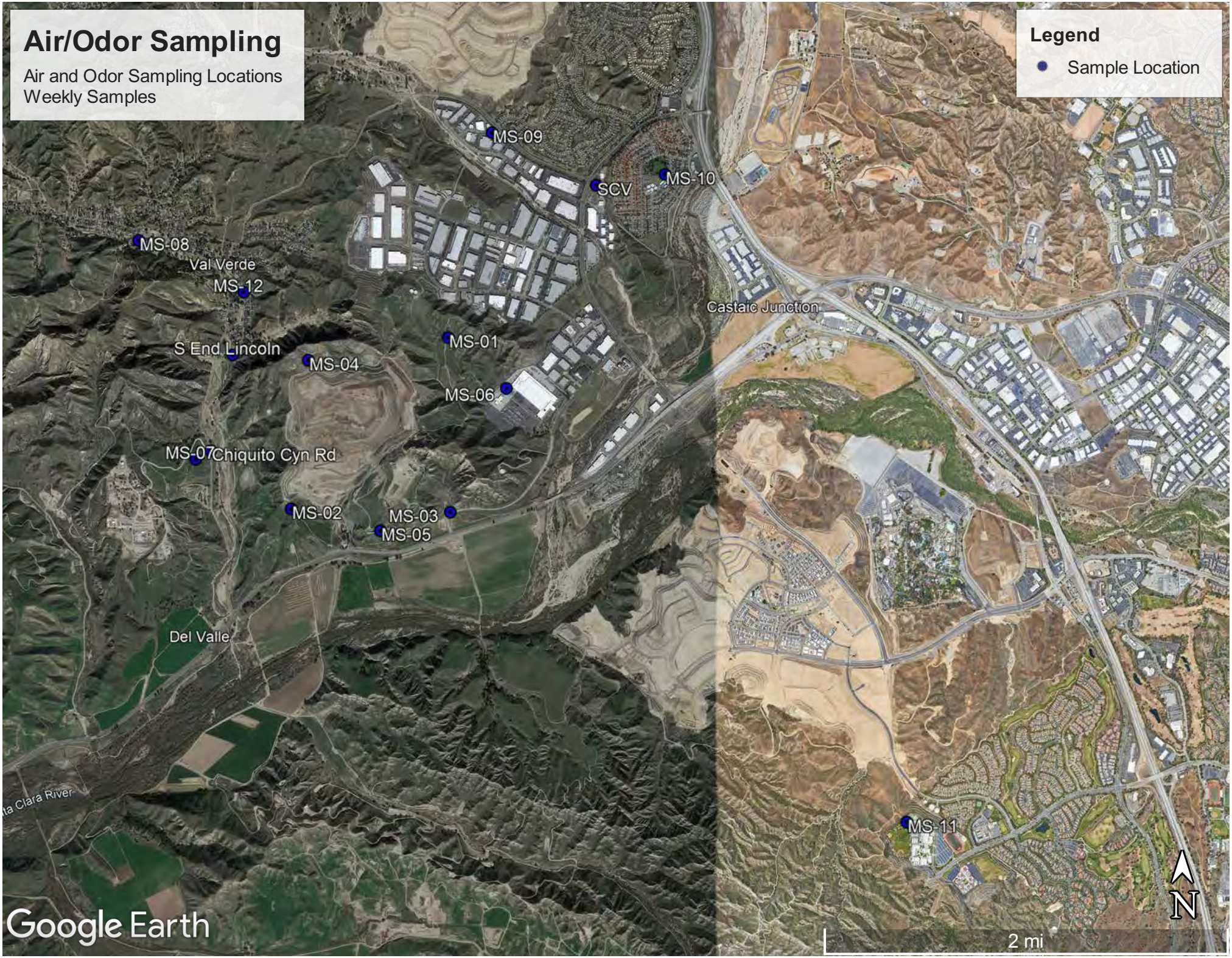
attachments

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.	: 242940
REPORT DATE	: 12/05/2024

On December 2, 2024, 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	242940-68013	706.0	S End Lincoln	242940-68022	702.5
MS-07	242940-68014	701.5	MS-01	242940-68023	694.5
MS-08	242940-68015	704.5	MS-02	242940-68024	704.0
MS-09	242940-68016	701.0	MS-03	242940-68025	705.0
MS-10	242940-68017	706.0	MS-04	242940-68026	697.0
MS-11	242940-68018	699.5	MS-05	242940-68027	698.0
MS-12	242940-68019	699.5	Working Face	242940-68028	700.0
SCV	242940-68020	702.0	Reaction	242940-68029	701.0
Chiquito Cyn Rd	242940-68021	700.5	--	--	--

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

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

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68013				242940-68014				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.45				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.45	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.25	<SRL	U	1	7.29	5.00
Methanol	<SRL	U	1	7.25	<SRL	U	1	7.29	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.90	<SRL	U	1	2.92	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.45	<SRL	U	1	1.46	1.00
Acetone	6.10		1	2.90	<SRL	U	1	2.92	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.90	<SRL	U	1	2.92	2.00
Acrylonitrile	<SRL	U	1	1.45	<SRL	U	1	1.46	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.90	<SRL	U	1	2.92	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<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	1.45	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68013				242940-68014				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.45				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		95%				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 : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68015				242940-68016				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.46				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	1.46	<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	0.89		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	7.32	<SRL	U	1	7.27	5.00
Methanol	<SRL	U	1	7.32	<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	2.93	42.5		1	2.91	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.45	1.00
Acetone	<SRL	U	1	2.93	4.93		1	2.91	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.93	<SRL	U	1	2.91	2.00
Acrylonitrile	<SRL	U	1	1.46	<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	1.46	<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	1.46	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.93	<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	1.46	<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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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68015				242940-68016				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.46				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	0.73	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	1.46	<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	1.46	<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	1.46	<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		95%				96%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68017				242940-68018				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.46				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.46	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.31	<SRL	U	1	7.30	5.00
Methanol	<SRL	U	1	7.31	<SRL	U	1	7.30	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	2.92	<SRL	U	1	2.92	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.46	1.00
Acetone	<SRL	U	1	2.92	<SRL	U	1	2.92	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.92	<SRL	U	1	2.92	2.00
Acrylonitrile	<SRL	U	1	1.46	<SRL	U	1	1.46	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.92	<SRL	U	1	2.92	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.46	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68017				242940-68018				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.46				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	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	1.46	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	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	1.46	<SRL	U	1	1.46	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	1.46	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	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		97%				95%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68019				242940-68020				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.48				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.48	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.41	<SRL	U	1	7.32	5.00
Methanol	<SRL	U	1	7.41	<SRL	U	1	7.32	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.96	<SRL	U	1	2.93	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.48	<SRL	U	1	1.46	1.00
Acetone	<SRL	U	1	2.96	<SRL	U	1	2.93	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.96	<SRL	U	1	2.93	2.00
Acrylonitrile	<SRL	U	1	1.48	<SRL	U	1	1.46	1.00
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.48	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.48	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.96	<SRL	U	1	2.93	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.48	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68019				242940-68020				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.48				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.48	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.48	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.48	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		97%				99%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68021				242940-68022				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.46				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	1.46	<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	7.28	<SRL	U	1	7.25	5.00
Methanol	<SRL	U	1	7.28	<SRL	U	1	7.25	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.91	<SRL	U	1	2.90	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.45	1.00
Acetone	<SRL	U	1	2.91	<SRL	U	1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.91	<SRL	U	1	2.90	2.00
Acrylonitrile	<SRL	U	1	1.46	<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	1.46	<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	1.46	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.91	<SRL	U	1	2.90	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	1.46	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68021				242940-68022				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.46				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	1.46	<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	1.46	<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	1.46	<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		93%				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 : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68023				242940-68024				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.47				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.47	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.37	<SRL	U	1	7.24	5.00
Methanol	<SRL	U	1	7.37	7.58		1	7.24	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.95	4.58		1	2.90	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.47	<SRL	U	1	1.45	1.00
Acetone	4.44		1	2.95	3.42		1	2.90	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.95	<SRL	U	1	2.90	2.00
Acrylonitrile	<SRL	U	1	1.47	<SRL	U	1	1.45	1.00
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	<SRL	U	1	1.45	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.95	<SRL	U	1	2.90	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2-Butanone (MEK)	<SRL	U	1	1.47	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68023				242940-68024				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.47				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.47	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.47	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.47	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
β-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.72	0.50
BFB-Surrogate Std. % Recovery		95%				96%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68025				242940-68026				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.44				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.22	<SRL	U	1	7.40	5.00
Methanol	<SRL	U	1	7.22	<SRL	U	1	7.40	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.89	<SRL	U	1	2.96	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Acetone	<SRL	U	1	2.89	3.15		1	2.96	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.89	<SRL	U	1	2.96	2.00
Acrylonitrile	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.89	<SRL	U	1	2.96	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68025				242940-68026				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.44				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.44	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		96%				94%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68027				242940-68028				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.47				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.35	<SRL	U	1	7.32	5.00
Methanol	<SRL	U	1	7.35	<SRL	U	1	7.32	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.94	9.03		1	2.93	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Acetone	4.19		1	2.94	<SRL	U	1	2.93	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.94	<SRL	U	1	2.93	2.00
Acrylonitrile	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.94	<SRL	U	1	2.93	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68027				242940-68028				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/04/2024				12/04/2024				
Can Dilution Factor	1.47				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.47	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		99%				104%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68029				
Date Sampled	12/02/2024				
Date Analyzed	12/04/2024				
Can Dilution Factor	1.47				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.33	5.00
Methanol	<SRL	U	1	7.33	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	2.93	2.00
Vinyl Bromide	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.47	1.00
Acetone	<SRL	U	1	2.93	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.93	2.00
Acrylonitrile	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.93	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	1.47	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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242940
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
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	242940-68029				
Date Sampled	12/02/2024				
Date Analyzed	12/04/2024				
Can Dilution Factor	1.47				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	0.50
Benzene	0.79		1	0.73	0.50
Carbon Tetrachloride	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		92%			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 : 242940
MATRIX : AIR

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethyl Sulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242940-68013	12/02/2024	12/04/2024	<SRL	U	1.45	1.0	95%
MS-07	242940-68014	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	95%
MS-08	242940-68015	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	95%
MS-09	242940-68016	12/02/2024	12/04/2024	<SRL	U	1.45	1.0	96%
MS-10	242940-68017	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	97%
MS-11	242940-68018	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	95%
MS-12	242940-68019	12/02/2024	12/04/2024	<SRL	U	1.48	1.0	97%
SCV	242940-68020	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	99%
Chiquito Cyn Rd	242940-68021	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	93%
S End Lincoln	242940-68022	12/02/2024	12/04/2024	<SRL	U	1.45	1.0	95%
MS-01	242940-68023	12/02/2024	12/04/2024	<SRL	U	1.47	1.0	95%
MS-02	242940-68024	12/02/2024	12/04/2024	<SRL	U	1.45	1.0	96%
MS-03	242940-68025	12/02/2024	12/04/2024	<SRL	U	1.44	1.0	96%
MS-04	242940-68026	12/02/2024	12/04/2024	<SRL	U	1.48	1.0	94%
MS-05	242940-68027	12/02/2024	12/04/2024	<SRL	U	1.47	1.0	99%
Working Face	242940-68028	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	104%
Reaction	242940-68029	12/02/2024	12/04/2024	<SRL	U	1.47	1.0	92%

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

RL - Reporting Limit

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

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

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

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

E - Estimated value above the calibration range.

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Laboratory Analysis Report

Limonene via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 242940
MATRIX : AIR

DATE RECEIVED : 12/02/2024
DATE REPORTED : 12/05/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	242940-68013	12/02/2024	12/04/2024	<SRL	U	1.45	1.0	95%
MS-07	242940-68014	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	95%
MS-08	242940-68015	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	95%
MS-09	242940-68016	12/02/2024	12/04/2024	<SRL	U	1.45	1.0	96%
MS-10	242940-68017	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	97%
MS-11	242940-68018	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	95%
MS-12	242940-68019	12/02/2024	12/04/2024	<SRL	U	1.48	1.0	97%
SCV	242940-68020	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	99%
Chiquito Cyn Rd	242940-68021	12/02/2024	12/04/2024	1.15		1.46	1.0	93%
S End Lincoln	242940-68022	12/02/2024	12/04/2024	<SRL	U	1.45	1.0	95%
MS-01	242940-68023	12/02/2024	12/04/2024	<SRL	U	1.47	1.0	95%
MS-02	242940-68024	12/02/2024	12/04/2024	<SRL	U	1.45	1.0	96%
MS-03	242940-68025	12/02/2024	12/04/2024	<SRL	U	1.44	1.0	96%
MS-04	242940-68026	12/02/2024	12/04/2024	<SRL	U	1.48	1.0	94%
MS-05	242940-68027	12/02/2024	12/04/2024	0.62		1.47	1.0	99%
Working Face	242940-68028	12/02/2024	12/04/2024	<SRL	U	1.46	1.0	104%
Reaction	242940-68029	12/02/2024	12/04/2024	<SRL	U	1.47	1.0	92%

* 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 : 12/04/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.66	103
Chlorodifluoromethane	10.20	10.13	99
Propene	10.70	10.16	95
Dichlorodifluoromethane	10.40	10.43	100
Dimethyl Ether	10.10	9.92	98
Chloromethane	10.50	9.88	94
Dichlorotetrafluoroethane	10.20	10.17	100
Vinyl Chloride	10.60	10.56	100
Acetaldehyde	20.90	21.14	101
Methanol	20.40	21.28	104
1,3-Butadiene	10.70	11.02	103
Bromomethane	10.40	10.20	98
Chloroethane	10.40	9.12	88
Dichlorofluoromethane	10.10	10.14	100
Ethanol	11.40	10.50	92
Vinyl Bromide	10.10	10.17	101
Acrolein	10.90	10.98	101
Acetone	10.60	10.35	98
Trichlorofluoromethane	10.50	10.69	102
2-Propanol (IPA)	11.00	10.90	99
Acrylonitrile	11.10	10.96	99
1,1-Dichloroethene	10.50	10.57	101
Methylene Chloride (DCM)	10.40	10.58	102
TertButanol (TBA)	11.20	10.98	98
Allyl Chloride	10.20	10.55	103
Carbon Disulfide	10.50	11.21	107
Trichlorotrifluoroethane	10.30	10.46	102
trans-1,2-Dichloroethene	10.80	11.33	105
1,1-Dichloroethane	10.70	10.98	103
Methyl Tert Butyl Ether (MTBE)	10.70	11.06	103
Vinyl Acetate	11.00	9.86	90
2-Butanone (MEK)	10.70	11.23	105
cis-1,2-Dichloroethene	10.70	10.86	101
Hexane	10.80	10.78	100
Chloroform	10.70	11.14	104
Ethyl Acetate	10.70	10.83	101
Tetrahydrofuran	10.40	10.15	98
1,2-Dichloroethane	10.60	11.30	107
1,1,1-Trichloroethane	10.50	10.71	102
Benzene	10.70	10.77	101
Carbon Tetrachloride	10.30	10.24	99
Cyclohexane	10.50	9.85	94

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	10.81	101
Bromodichloromethane	10.50	10.56	101
1,4-Dioxane	10.50	10.53	100
Trichloroethene (TCE)	10.50	10.57	101
2,2,4-Trimethylpentane	10.10	9.87	98
Methyl Methacrylate	11.00	10.88	99
Heptane	10.50	10.16	97
cis-1,3-Dichloropropene	10.50	10.84	103
4-Methyl-2-pentanone (MiBK)	10.50	10.35	99
trans-1,3-Dichloropropene	10.60	10.48	99
1,1,2-Trichloroethane	10.60	9.54	90
Toluene	10.80	10.95	101
2-Hexanone (MBK)	10.50	10.52	100
Dibromochloromethane	10.60	10.52	99
1,2-Dibromoethane	10.60	10.75	101
Tetrachloroethene (PCE)	10.50	10.56	101
Chlorobenzene	10.80	10.74	99
Ethylbenzene	10.60	10.60	100
m & p-Xylene	21.20	21.48	101
Bromoform	10.60	10.40	98
Styrene	10.60	10.92	103
1,1,2,2-Tetrachloroethane	10.60	10.46	99
o-Xylene	10.60	10.45	99
1,2,3-Trichloropropane	11.00	10.98	100
Isopropylbenzene (Cumene)	10.40	10.24	98
α-Pinene	10.80	10.36	96
2-Chlorotoluene	10.30	10.41	101
n-Propylbenzene	10.10	10.29	102
4-Ethyltoluene	10.40	10.00	96
1,3,5-Trimethylbenzene	10.30	10.33	100
β-Pinene	10.90	10.61	97
1,2,4-Trimethylbenzene	10.30	10.01	97
Benzyl Chloride (a-Chlorotoluene)	10.30	10.45	101
1,3-Dichlorobenzene	10.30	11.75	114
1,4-Dichlorobenzene	10.20	10.56	104
Sec-ButylBenzene	10.00	9.81	98
1,2-Dichlorobenzene	10.40	10.54	101
n-ButylBenzene	10.20	9.96	98
1,2-Dibromo-3-Chloropropane	10.10	10.39	103
1,2,4-Trichlorobenzene	10.50	10.96	104
Naphthalene	10.90	11.82	108
Hexachlorobutadiene	10.80	10.23	95

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

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

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

* - β-Pinene results are estimated.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 12/04/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS [1] Recovery*	*LCSD [1] Recovery*	*LCS [1] % Recovery [2]*	*LCSD [1] % Recovery [2]*	*RPD [3]*
4-BFB (surrogate standard)	0.0	9.40	9.66	9.59	103	102	0.7
1,1-Dichloroethene	0.0	10.50	10.57	10.09	101	96	4.6
Methylene Chloride (DCM)	0.0	10.40	10.58	10.15	102	98	4.1
Benzene	0.0	10.70	10.77	10.77	101	101	0.0
Trichloroethene (TCE)	0.0	10.50	10.57	10.44	101	99	1.2
Toluene	0.0	10.80	10.95	10.70	101	99	2.3
Tetrachloroethene (PCE)	0.0	10.50	10.56	10.21	101	97	3.4
Chlorobenzene	0.0	10.80	10.74	10.30	99	95	4.2
Ethylbenzene	0.0	10.60	10.60	10.49	100	99	1.0
m & p-Xylene	0.0	21.20	21.48	20.34	101	96	5.5
o-Xylene	0.0	10.60	10.45	10.41	99	98	0.4

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 12/04/2024
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 120424*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	97%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	*MB 120424*	*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 : 12/04/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.46

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242940-68028

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.73	9.17	5.9
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	9.03	9.48	4.9
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone J	2.81	2.36	17.6
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	<SRL	<SRL	
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	<SRL	<SRL	
TertButanol (TBA)	<SRL	<SRL	
Allyl Chloride	<SRL	<SRL	
Carbon Disulfide	<SRL	<SRL	
Trichlorotrifluoroethane	<SRL	<SRL	
trans-1,2-Dichloroethene	<SRL	<SRL	
1,1-Dichloroethane	<SRL	<SRL	
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	
Vinyl Acetate	<SRL	<SRL	
2-Butanone (MEK)	<SRL	<SRL	
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	<SRL	<SRL	
Chloroform	<SRL	<SRL	
Ethyl Acetate	<SRL	<SRL	
Tetrahydrofuran	<SRL	<SRL	
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	<SRL	<SRL	
Carbon Tetrachloride	<SRL	<SRL	
Cyclohexane	<SRL	<SRL	

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

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

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

SRL - Sample Reporting Limit (minimum)

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

242940

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS					LAB USE ONLY Lab ID
MS-06	68013	12-2-24	1218	summa 1	X					
MS-07	68014		1358		X					
MS-08	68015		1434		X					
MS-09	68016		1500		X					
MS-10	68017		1143		X					
MS-11	68018		1202		X					
MS-12	68019		1421		X					
SCV	68020		1133		X					
Chiquito Cyn Rd	68021		1407		X					
S. End Lincoln	68022		1414		X					

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/2 Time	**Received By** Print: Signature:	Date 12/2/24 Time 1606	
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time	

12 of 1

242940

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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-01	68023	12-2-24	1251	summa 1	X					
MS-02	68024		1347		X					
MS-03	68025		1226		X					
MS-04	68026		1306		X					
MS-05	68027		1237		X					
Working Face	68028		1334		X					
Reaction	68029		1320		X					

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY:
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/2 Time	**Received By** Print: Signature:	Date 12/2/24 Time 1605
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242940

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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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					LAB USE ONLY: Lab ID
MS-06	68030	12-2-21	1218	tedlar 1	X					
MS-07	68031		1358		X					
MS-08	68032		1434		X					
MS-09	68033		1500		X					
MS-10	68034		1143		X					
MS-11	68035		1202		X					
MS-12	68036		1421		X					
SCV	68037		1133		X					
Chiquito Cyn Rd	68038		1407		X					
S. End Lincoln	68039	↓	1419		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 12/2 Time	**Received By** Print: Signature:	Date 12/2/21 Time 1605
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242940

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

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					Lab ID
MS-01	68040	12-2-21	1251	tedlar 1	X					
MS-02	68041		1347		X					
MS-03	68042		1226		X					
MS-04	68043		1306		X					
MS-05	68044		1237		X					
Working Face	68045		1334		X					
Reaction	68046		1320		X					

LAB USE ONLY

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

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

Client Notes/Special Instructions:

EDD?
- ☐ Yes
- ☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/2 Time	**Received By** Print: Signature:	Date 12/2/21 Time 1605	
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.	: 242940
REPORT DATE	: 12/04/2024

On December 2nd 2024, 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	242940-68030	S. End Lincoln	242940-68039
MS-07	242940-68031	MS-01	242940-68040
MS-08	242940-68032	MS-02	242940-68041
MS-09	242940-68033	MS-03	242940-68042
MS-10	242940-68034	MS-04	242940-68043
MS-11	242940-68035	MS-05	242940-68044
MS-12	242940-68036	Working Face	242940-68045
SCV	242940-68037	Reaction	242940-68046
Chiquito Cyn Rd	242940-68038	-	-

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. : 242940
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/02/2024
RECEIVING DATE : 12/02/2024
ANALYSIS DATE : 12/02-03/2024
REPORT DATE : 12/04/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	242940-68030	242940-68031	242940-68032	242940-68033	242940-68034	242940-68035
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. : 242940
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/02/2024
RECEIVING DATE : 12/02/2024
ANALYSIS DATE : 12/02-03/2024
REPORT DATE : 12/04/2024

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	242940-68036	242940-68037	242940-68038	242940-68039	242940-68040	242940-68041
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. : 242940
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/02/2024
RECEIVING DATE : 12/02/2024
ANALYSIS DATE : 12/03/2024
REPORT DATE : 12/04/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	242940-68042	242940-68043	242940-68044	242940-68045	242940-68046
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: 12/2/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6947	0.488	95.5	2.5
Duplicate	7346	0.516	101.0	3.1
Triplicate	7076	0.497	97.3	0.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5980	0.499	99.4	0.9
Duplicate	6045	0.504	100.4	0.2
Triplicate	6074	0.507	100.9	0.7

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8507	0.496	99.9	2.8
Duplicate	8862	0.517	104.1	1.3
Triplicate	8881	0.518	104.3	1.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.233	0.234	91.2	91.6	0.4
MeSH	<PQL	0.251	0.226	0.227	90.0	90.4	0.4
DMS	<PQL	0.249	0.253	0.243	101.8	97.8	4.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.492	96.3
MeSH	0.502	0.493	98.2
DMS	0.497	0.524	105.4

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/2/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11604.07	509	99.7	2.2
Duplicate	11098.67	487	95.3	2.2
Triplicate	11344.2	497	97.4	0.0

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10126.21	499	99.5	0.3
Duplicate	10212.45	504	100.4	1.1
Triplicate	9951	491	97.8	1.4

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15302.3	521	104.7	2.9
Duplicate	14684.21	500	100.5	1.3
Triplicate	14637	498	100.2	1.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	254.7	242.5	99.8	95.0	4.9
MeSH	<PQL	250.9	264.3	254.6	105.4	101.5	3.7
DMS	<PQL	248.5	264.6	259.6	106.5	104.5	1.9

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	503.8	98.7
MeSH	501.8	526.3	104.9
DMS	497.0	537.0	108.0

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/3/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11561.75	507	99.3	1.1
Duplicate	11492.52	504	98.7	0.5
Triplicate	11250.62	493	96.6	1.6

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10229.47	505	100.6	0.3
Duplicate	10035.85	495	98.7	2.2
Triplicate	10516	519	103.4	2.5

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15202.53	517	104.1	0.1
Duplicate	15181.82	516	103.9	0.0
Triplicate	15172	516	103.8	0.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242940-68039**

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 242940-68039 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	245.2	250.7	96.1	98.2	2.2
MeSH	<PQL	250.9	252.2	254.3	100.5	101.4	0.8
DMS	<PQL	248.5	270.9	256.1	109.0	103.1	5.6

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	499.1	97.8
MeSH	501.8	512.0	102.1
DMS	497.0	510.7	102.7

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/3/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6980	0.491	96.0	0.1
Duplicate	6913	0.486	95.1	0.8
Triplicate	7024	0.494	96.6	0.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5782	0.482	96.1	3.1
Duplicate	6037	0.504	100.3	1.2
Triplicate	6081	0.507	101.0	1.9

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8389	0.490	98.5	2.3
Duplicate	8607	0.502	101.1	0.2
Triplicate	8769	0.512	103.0	2.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242940-68040**

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 242940-68040 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.261	0.245	102.2	95.9	6.3
MeSH	<PQL	0.251	0.241	0.244	96.0	97.2	1.2
DMS	<PQL	0.249	0.242	0.245	97.4	98.6	1.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.530	103.7
MeSH	0.502	0.523	104.2
DMS	0.497	0.535	107.6

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

242940

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	68030	12-2-21	1218	tedlar 1	X					
MS-07	68031		1358		X					
MS-08	68032		1434		X					
MS-09	68033		1500		X					
MS-10	68034		1143		X					
MS-11	68035		1202		X					
MS-12	68036		1421		X					
SCV	68037		1133		X					
Chiquito Cyn Rd	68038		1407		X					
S. End Lincoln	68039	↓	1419		X					

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/2 Time	**Received By** Print: Signature:	Date 12/2/21 Time 1605
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242940

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR				
MS-01	68040	12-2-21	1251	tedlar 1	X				
MS-02	68041		1347		X				
MS-03	68042		1226		X				
MS-04	68043		1306		X				
MS-05	68044		1237		X				
Working Face	68045		1334		X				
Reaction	68046	↓	1320		X				

LAB USE ONLY

Lab ID

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

Temperature: °C

Thermometer ID

Initials

Returned Equip.

Total cans:

Unused cans:

Flow Controllers:

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/2 Time	**Received By** Print: Signature:	Date 12/2/21 Time 1605
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

242940

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS					Lab ID
MS-06	68013	12-2-24	1218	summa 1	X					
MS-07	68014		1358		X					
MS-08	68015		1434		X					
MS-09	68016		1500		X					
MS-10	68017		1143		X					
MS-11	68018		1202		X					
MS-12	68019		1421		X					
SCV	68020		1133		X					
Chiquito Cyn Rd	68021	↓	1407		X					
S. End Lincoln	68022		1414		X					

LAB USE ONLY
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: _____ °C
Thermometer ID: _____
Initials: _____
Returned Cont:
Total cans: 2
Unused cans:
Flow Controllers:

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/2 Time	**Received By** Print: Signature:	Date 12/2/24 Time 1606
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

17 cans

242940

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS					Lab ID
MS-01	68023	12-2-24	1251	summa 1	X					
MS-02	68024		1347		X					
MS-03	68025		1226		X					
MS-04	68026		1306		X					
MS-05	68027		1237		X					
Working Face	68028		1334		X					
Reaction	68029		1320		X					

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

Client Notes/Special Instructions:

EDD?
☐Yes
☐No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/2 Time	**Received By** Print: Signature:	Date 12/2/24 Time 1605
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.	: 243006
REPORT DATE	: 12/13/2024

On December 9, 2024, 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	243006-68361	720.0	S End Lincoln	243006-68370	708.0
MS-07	243006-68362	710.5	MS-01	243006-68371	712.0
MS-08	243006-68363	703.5	MS-02	243006-68372	712.0
MS-09	243006-68364	709.5	MS-03	243006-68373	714.5
MS-10	243006-68365	725.5	MS-04	243006-68374	701.5
MS-11	243006-68366	713.5	MS-05	243006-68375	710.5
MS-12	243006-68367	706.0	Working Face	243006-68376	703.5
SCV	243006-68368	718.5	Reaction	243006-68377	707.0
Chiquito Cyn Rd	243006-68369	716.0	--	--	--

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

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

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68361				243006-68362				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.43				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	1.43	<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	7.13	<SRL	U	1	7.18	5.00
Methanol	<SRL	U	1	7.13	<SRL	U	1	7.18	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.85	<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	1.43	<SRL	U	1	1.44	1.00
Acetone	<SRL	U	1	2.85	<SRL	U	1	2.87	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<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	0.71	<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	0.71	<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	2.85	<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	1.43	<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 : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68361				243006-68362				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.43				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	1.43	<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	1.43	<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	1.43	<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		97%				97%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68363				243006-68364				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.45				1.44				
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	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.27	<SRL	U	1	7.21	5.00
Methanol	<SRL	U	1	7.27	<SRL	U	1	7.21	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.91	<SRL	U	1	2.88	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	1.44	1.00
Acetone	<SRL	U	1	2.91	3.37		1	2.88	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	2.88	2.00
Acrylonitrile	<SRL	U	1	1.45	<SRL	U	1	1.44	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	1.44	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	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.91	<SRL	U	1	2.88	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	1.44	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68363				243006-68364				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.45				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.44	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.44	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.44	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		100%				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 : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68365				243006-68366				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
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	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.03	<SRL	U	1	7.14	5.00
Methanol	<SRL	U	1	7.03	<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	2.81	<SRL	U	1	2.86	2.00
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.41	<SRL	U	1	1.43	1.00
Acetone	<SRL	U	1	2.81	<SRL	U	1	2.86	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.81	<SRL	U	1	2.86	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	2.81	<SRL	U	1	2.86	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.41	<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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68365				243006-68366				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
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		98%				96%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68367				243006-68368				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.45				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.45	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.24	<SRL	U	1	7.09	5.00
Methanol	<SRL	U	1	7.24	<SRL	U	1	7.09	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.90	<SRL	U	1	2.84	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.45	<SRL	U	1	1.42	1.00
Acetone	3.22		1	2.90	4.42		1	2.84	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.90	<SRL	U	1	2.84	2.00
Acrylonitrile	<SRL	U	1	1.45	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<SRL	U	1	1.42	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.90	<SRL	U	1	2.84	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	1.45	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68367				243006-68368				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.45				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		97%				98%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68369				243006-68370				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.42				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.12	<SRL	U	1	7.35	5.00
Methanol	<SRL	U	1	7.12	<SRL	U	1	7.35	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.85	<SRL	U	1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.42	<SRL	U	1	1.47	1.00
Acetone	<SRL	U	1	2.85	<SRL	U	1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	2.94	2.00
Acrylonitrile	<SRL	U	1	1.42	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.85	<SRL	U	1	2.94	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68369				243006-68370				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.42				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		99%				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 : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68371				243006-68372				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.43				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.43	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.16	<SRL	U	1	7.17	5.00
Methanol	<SRL	U	1	7.16	10.3		1	7.17	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.86	7.20		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	5.07		1	2.86	7.07		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	1.43	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	2.86	<SRL	U	1	2.87	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.43	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	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 : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68371				243006-68372				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.43				1.43				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	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	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	1.43	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	1.43	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	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		96%				98%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68373				243006-68374				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.43				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.13	<SRL	U	1	7.30	5.00
Methanol	<SRL	U	1	7.13	<SRL	U	1	7.30	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.85	<SRL	U	1	2.92	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Acetone	<SRL	U	1	2.85	<SRL	U	1	2.92	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	2.92	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.85	<SRL	U	1	2.92	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68373				243006-68374				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
Can Dilution Factor	1.43				1.46				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		98%				98%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68375				243006-68376				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
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	1.74		1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloromethane	0.88		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	7.25	5.00
Methanol	<SRL	U	1	7.20	45.5		1	7.25	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	115		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	<SRL	U	1	2.88	5.12		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	4.84		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	1.80		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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68375				243006-68376				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/10/2024				12/10/2024				
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		96%				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 : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68377				
Date Sampled	12/09/2024				
Date Analyzed	12/10/2024				
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	7.20	5.00
Methanol	<SRL	U	1	7.20	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	2.88	2.00
Vinyl Bromide	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.44	1.00
Acetone	3.54		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.88	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	2.88	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 : 243006
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
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	243006-68377				
Date Sampled	12/09/2024				
Date Analyzed	12/10/2024				
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		101%			70-130%

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

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

Laboratory Analysis Report

Dimethyl Sulfide via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 243006
MATRIX : AIR

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethyl Sulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	243006-68361	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	97%
MS-07	243006-68362	12/09/2024	12/10/2024	<SRL	U	1.44	1.0	97%
MS-08	243006-68363	12/09/2024	12/10/2024	<SRL	U	1.45	1.0	100%
MS-09	243006-68364	12/09/2024	12/10/2024	<SRL	U	1.44	1.0	95%
MS-10	243006-68365	12/09/2024	12/10/2024	<SRL	U	1.41	1.0	98%
MS-11	243006-68366	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	96%
MS-12	243006-68367	12/09/2024	12/10/2024	<SRL	U	1.45	1.0	97%
SCV	243006-68368	12/09/2024	12/10/2024	<SRL	U	1.42	1.0	98%
Chiquito Cyn Rd	243006-68369	12/09/2024	12/10/2024	<SRL	U	1.42	1.0	99%
S End Lincoln	243006-68370	12/09/2024	12/10/2024	<SRL	U	1.47	1.0	101%
MS-01	243006-68371	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	96%
MS-02	243006-68372	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	98%
MS-03	243006-68373	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	98%
MS-04	243006-68374	12/09/2024	12/10/2024	<SRL	U	1.46	1.0	98%
MS-05	243006-68375	12/09/2024	12/10/2024	<SRL	U	1.44	1.0	96%
Working Face	243006-68376	12/09/2024	12/10/2024	<SRL	U	1.45	1.0	101%
Reaction	243006-68377	12/09/2024	12/10/2024	<SRL	U	1.44	1.0	101%

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

RL - Reporting Limit

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

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

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

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

E - Estimated value above the calibration range.

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Laboratory Analysis Report

Limonene via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 243006
MATRIX : AIR

DATE RECEIVED : 12/09/2024
DATE REPORTED : 12/13/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	243006-68361	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	97%
MS-07	243006-68362	12/09/2024	12/10/2024	<SRL	U	1.44	1.0	97%
MS-08	243006-68363	12/09/2024	12/10/2024	<SRL	U	1.45	1.0	100%
MS-09	243006-68364	12/09/2024	12/10/2024	<SRL	U	1.44	1.0	95%
MS-10	243006-68365	12/09/2024	12/10/2024	<SRL	U	1.41	1.0	98%
MS-11	243006-68366	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	96%
MS-12	243006-68367	12/09/2024	12/10/2024	7.13		1.45	1.0	97%
SCV	243006-68368	12/09/2024	12/10/2024	<SRL	U	1.42	1.0	98%
Chiquito Cyn Rd	243006-68369	12/09/2024	12/10/2024	<SRL	U	1.42	1.0	99%
S End Lincoln	243006-68370	12/09/2024	12/10/2024	<SRL	U	1.47	1.0	101%
MS-01	243006-68371	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	96%
MS-02	243006-68372	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	98%
MS-03	243006-68373	12/09/2024	12/10/2024	<SRL	U	1.43	1.0	98%
MS-04	243006-68374	12/09/2024	12/10/2024	<SRL	U	1.46	1.0	98%
MS-05	243006-68375	12/09/2024	12/10/2024	<SRL	U	1.44	1.0	96%
Working Face	243006-68376	12/09/2024	12/10/2024	0.78		1.45	1.0	101%
Reaction	243006-68377	12/09/2024	12/10/2024	<SRL	U	1.44	1.0	101%

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

RL - Reporting Limit

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

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

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

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 12/10/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.63	102
Chlorodifluoromethane	10.20	9.80	96
Propene	10.70	9.60	90
Dichlorodifluoromethane	10.40	10.47	101
Dimethyl Ether	10.10	9.45	94
Chloromethane	10.50	9.13	87
Dichlorotetrafluoroethane	10.20	10.14	99
Vinyl Chloride	10.60	10.75	101
Acetaldehyde	20.90	17.77	85
Methanol	20.40	19.90	98
1,3-Butadiene	10.70	10.14	95
Bromomethane	10.40	10.49	101
Chloroethane	10.40	9.10	88
Dichlorofluoromethane	10.10	9.93	98
Ethanol	11.40	9.43	83
Vinyl Bromide	10.10	10.08	100
Acrolein	10.90	10.65	98
Acetone	10.60	10.20	96
Trichlorofluoromethane	10.50	10.40	99
2-Propanol (IPA)	11.00	9.85	90
Acrylonitrile	11.10	10.32	93
1,1-Dichloroethene	10.50	10.42	99
Methylene Chloride (DCM)	10.40	10.06	97
TertButanol (TBA)	11.20	10.79	96
Allyl Chloride	10.20	9.57	94
Carbon Disulfide	10.50	10.55	100
Trichlorotrifluoroethane	10.30	10.37	101
trans-1,2-Dichloroethene	10.80	11.30	105
1,1-Dichloroethane	10.70	10.48	98
Methyl Tert Butyl Ether (MTBE)	10.70	11.17	104
Vinyl Acetate	11.00	10.77	98
2-Butanone (MEK)	10.70	11.07	103
cis-1,2-Dichloroethene	10.70	10.45	98
Hexane	10.80	10.77	100
Chloroform	10.70	10.96	102
Ethyl Acetate	10.70	10.36	97
Tetrahydrofuran	10.40	10.21	98
1,2-Dichloroethane	10.60	10.83	102
1,1,1-Trichloroethane	10.50	10.84	103
Benzene	10.70	10.78	101
Carbon Tetrachloride	10.30	10.52	102
Cyclohexane	10.50	10.15	97

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	10.46	98
Bromodichloromethane	10.50	10.68	102
1,4-Dioxane	10.50	10.28	98
Trichloroethene (TCE)	10.50	10.76	102
2,2,4-Trimethylpentane	10.10	9.79	97
Methyl Methacrylate	11.00	11.00	100
Heptane	10.50	10.52	100
cis-1,3-Dichloropropene	10.50	10.69	102
4-Methyl-2-pentanone (MiBK)	10.50	9.87	94
trans-1,3-Dichloropropene	10.60	10.77	102
1,1,2-Trichloroethane	10.60	9.55	90
Toluene	10.80	11.05	102
2-Hexanone (MBK)	10.50	10.17	97
Dibromochloromethane	10.60	10.65	100
1,2-Dibromoethane	10.60	10.96	103
Tetrachloroethene (PCE)	10.50	10.71	102
Chlorobenzene	10.80	10.78	100
Ethylbenzene	10.60	10.54	99
m & p-Xylene	21.20	20.64	97
Bromoform	10.60	10.59	100
Styrene	10.60	10.67	101
1,1,2,2-Tetrachloroethane	10.60	10.06	95
o-Xylene	10.60	10.54	99
1,2,3-Trichloropropane	11.00	10.98	100
Isopropylbenzene (Cumene)	10.40	10.20	98
α-Pinene	10.80	10.56	98
2-Chlorotoluene	10.30	10.23	99
n-Propylbenzene	10.10	10.35	102
4-Ethyltoluene	10.40	10.23	98
1,3,5-Trimethylbenzene	10.30	10.11	98
β-Pinene	10.90	9.69	89
1,2,4-Trimethylbenzene	10.30	10.10	98
Benzyl Chloride (a-Chlorotoluene)	10.30	10.28	100
1,3-Dichlorobenzene	10.30	11.21	109
1,4-Dichlorobenzene	10.20	10.94	107
Sec-ButylBenzene	10.00	9.62	96
1,2-Dichlorobenzene	10.40	10.32	99
n-ButylBenzene	10.20	10.25	100
1,2-Dibromo-3-Chloropropane	10.10	10.09	100
1,2,4-Trichlorobenzene	10.50	11.30	108
Naphthalene	10.90	12.06	111
Hexachlorobutadiene	10.80	10.21	95

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

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

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

* - β-Pinene results are estimated.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 12/10/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS*[1] *Recovery*	*LCSD*[1] *Recovery*	*LCS*[1] *% Recovery*[2]	*LCSD*[1] *% Recovery*[2]	*RPD*[3]
4-BFB (surrogate standard)	0.0	9.40	9.63	9.65	102	103	0.2
1,1-Dichloroethene	0.0	10.50	10.42	9.50	99	90	9.2
Methylene Chloride (DCM)	0.0	10.40	10.06	9.93	97	95	1.3
Benzene	0.0	10.70	10.78	10.51	101	98	2.5
Trichloroethene (TCE)	0.0	10.50	10.76	10.34	102	98	4.0
Toluene	0.0	10.80	11.05	10.72	102	99	3.0
Tetrachloroethene (PCE)	0.0	10.50	10.71	10.52	102	100	1.8
Chlorobenzene	0.0	10.80	10.78	10.43	100	97	3.3
Ethylbenzene	0.0	10.60	10.54	10.33	99	97	2.0
m & p-Xylene	0.0	21.20	20.64	20.19	97	95	2.2
o-Xylene	0.0	10.60	10.54	10.27	99	97	2.6

[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 : 12/10/2024
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 121024*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	100%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	*MB 121024*	*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 : 12/10/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x83.4

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242919-67882

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.40	9.57	1.8
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	<SRL	<SRL	
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone	<SRL	<SRL	
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	2690	2960	9.6
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)

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243006

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	TO-15 EXTENDED LIST + DMS
MS-06	68361	12-9-24	1148	summa 1	X
MS-07	68362		1315		X
MS-08	68363		1347		X
MS-09	68364		1359		X
MS-10	68365		1109		X
MS-11	68366		1127		X
MS-12	68367		1340		X
SCV	68368		1101		X
Chiquito Cyn Rd	68369		1324		X
S. End Lincoln	68370		1332		X

LAB USE ONLY

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

Client Notes/Special Instructions:

EDD?
☐Yes
☐No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/9/24 Time	**Received By** Print: Signature:	Date 12/9/24 Time 1519
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

0/0 - 17+ cans

243006

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS	Lab ID
MS-01	68371	12-9-24	1220	summa 1	X	
MS-02	68372		1304		X	
MS-03	68373		1156		X	
MS-04	68374		1234		X	
MS-05	68375		1206		X	
Working Face	68376		1254		X	
Reaction	68377		1242		X	

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/9 Time	**Received By** Print: Signature:	Date 12/9/24 Time 1516	
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time	

243006

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR	Lab ID
MS-06	68378	12-9-21	1148	tedlar 1	X	
MS-07	68379		1315		X	
MS-08	68380		1347		X	
MS-09	68381		1359		X	
MS-10	68382		1109		X	
MS-11	68383		1127		X	
MS-12	68384		1340		X	
SCV	68385		1101		X	
Chiquito Cyn Rd	68386		1324		X	
S. End Lincoln	68387		1332		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 / Time	**Received By** Print: Signature:	Date 12/9/21 Time 1518
Relinquished By Print: Signature:	Date / Time	**Received By** Print: Signature:	Date / Time

243006

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 ID
MS-01	68388	12-9-24	1220	tedlar 1	X	
MS-02	68389		1304		X	
MS-03	68390		1156		X	
MS-04	68391		1234		X	
MS-05	68392		1208		X	
Working Face	68393		1254		X	
Reaction	68394		1242		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 12/9 Time	**Received By** Print: Signature:	Date 12/9/24 Time 1518
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.	: 243006
REPORT DATE	: 12/11/2024

On December 9th 2024, 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	243006-68378	S. End Lincoln	243006-68387
MS-07	243006-68379	MS-01	243006-68388
MS-08	243006-68380	MS-02	243006-68389
MS-09	243006-68381	MS-03	243006-68390
MS-10	243006-68382	MS-04	243006-68391
MS-11	243006-68383	MS-05	243006-68392
MS-12	243006-68384	Working Face	243006-68393
SCV	243006-68385	Reaction	243006-68394
Chiquito Cyn Rd	243006-68386	-	-

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. : 243006
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/09/2024
RECEIVING DATE : 12/09/2024
ANALYSIS DATE : 12/09-10/2024
REPORT DATE : 12/11/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	243006-68378	243006-68379	243006-68380	243006-68381	243006-68382	243006-68383
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. : 243006
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/09/2024
RECEIVING DATE : 12/09/2024
ANALYSIS DATE : 12/09-10/2024
REPORT DATE : 12/11/2024

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	243006-68384	243006-68385	243006-68386	243006-68387	243006-68388	243006-68389
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. : 243006
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/09/2024
RECEIVING DATE : 12/09/2024
ANALYSIS DATE : 12/10/2024
REPORT DATE : 12/11/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	243006-68390	243006-68391	243006-68392	243006-68393	243006-68394
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: 12/9/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11080.74	486	95.2	1.0
Duplicate	11275.87	494	96.8	0.7
Triplicate	11226.02	492	96.4	0.3

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10180.34	502	100.1	0.8
Duplicate	10166.52	501	99.9	1.0
Triplicate	10456	516	102.8	1.8

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15030.06	511	102.9	0.8
Duplicate	14862.17	506	101.7	0.4
Triplicate	14852	505	101.7	0.4

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	263.2	252.6	103.1	99.0	4.1
MeSH	<PQL	250.9	251.6	254.1	100.3	101.3	1.0
DMS	<PQL	248.5	267.8	273.0	107.8	109.9	1.9

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	539.8	105.7
MeSH	501.8	547.0	109.0
DMS	497.0	539.7	108.6

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/9/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7366	0.518	101.3	2.2
Duplicate	6958	0.489	95.7	3.4
Triplicate	7294	0.513	100.3	1.2

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6064	0.506	100.8	1.3
Duplicate	6131	0.511	101.9	0.2
Triplicate	6236	0.520	103.6	1.5

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8856	0.517	104.0	1.5
Duplicate	8546	0.499	100.4	2.1
Triplicate	8782	0.513	103.1	0.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.269	0.252	105.3	98.6	6.5
MeSH	<PQL	0.251	0.238	0.242	94.8	96.4	1.7
DMS	<PQL	0.249	0.269	0.269	108.2	108.2	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.548	107.2
MeSH	0.502	0.552	110.0
DMS	0.497	0.543	109.3

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/10/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11282.63	495	96.9	1.2
Duplicate	11430.99	501	98.2	0.1
Triplicate	11537.56	506	99.1	1.1

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10124.59	499	99.5	1.2
Duplicate	10298.23	508	101.2	0.5
Triplicate	10314	509	101.4	0.7

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15262.54	519	104.5	0.3
Duplicate	15205.2	517	104.1	0.0
Triplicate	15162	516	103.8	0.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243006-68388**

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 243006-68388 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	246.6	238.5	96.6	93.4	3.4
MeSH	<PQL	250.9	250.4	236.0	99.8	94.1	5.9
DMS	<PQL	248.5	247.9	239.4	99.7	96.3	3.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	461.3	90.4
MeSH	501.8	487.4	97.1
DMS	497.0	534.2	107.5

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/10/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6963	0.489	95.8	1.3
Duplicate	6913	0.486	95.1	2.0
Triplicate	7295	0.513	100.3	3.4

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5920	0.494	98.4	3.5
Duplicate	6177	0.515	102.6	0.6
Triplicate	6316	0.527	104.9	2.9

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8721	0.509	102.4	0.5
Duplicate	8759	0.511	102.9	0.0
Triplicate	8808	0.514	103.4	0.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243006-68390**

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 243006-68390 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.241	0.256	94.3	100.2	6.0
MeSH	<PQL	0.251	0.242	0.260	96.4	103.6	7.2
DMS	<PQL	0.249	0.271	0.273	109.1	109.9	0.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.506	99.0
MeSH	0.502	0.523	104.2
DMS	0.497	0.516	103.8

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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243006

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	68378	12-9-21	1148	tedlar 1	X				
MS-07	68379	↓	1315		X				
MS-08	68380		1347		X				
MS-09	68381		1359		X				
MS-10	68382		1109		X				
MS-11	68383		1127		X				
MS-12	68384		1340		X				
SCV	68385		1101		X				
Chiquito Cyn Rd	68386		1324		X				
S. End Lincoln	68387	↓	1332		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 / Time	**Received By** Print: Signature:	Date 12/9/21 Time 1518
Relinquished By Print: Signature:	Date / Time	**Received By** Print: Signature:	Date / Time

243006

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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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR	Lab ID
MS-01	68388	12-9-24	1220	tedlar 1	X	
MS-02	68389		1304		X	
MS-03	68390		1156		X	
MS-04	68391		1234		X	
MS-05	68392		1208		X	
Working Face	68393		1254		X	
Reaction	68394		1242		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 12/9 Time	**Received By** Print: Signature:	Date 12/9/24 Time 1518
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

243006

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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-06	68361	12-9-24	1148	summa 1	X					
MS-07	68362		1315		X					
MS-08	68363		1347		X					
MS-09	68364		1359		X					
MS-10	68365		1109		X					
MS-11	68366		1127		X					
MS-12	68367		1340		X					
SCV	68368		1101		X					
Chiquito Cyn Rd	68369		1324		X					
S. End Lincoln	68370		1332		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 12/9 Time	**Received By** Print: Signature:	Date 12/9/24 Time 1519
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

0/0 - 17+ cans

243006

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: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-01	68371	12-9-24	1220	summa 1	X					
MS-02	68372		1304		X					
MS-03	68373		1156		X					
MS-04	68374		1234		X					
MS-05	68375		1206		X					
Working Face	68376		1254		X					
Reaction	68377		1242		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 12/9 Time	**Received By** Print: Signature:	Date 12/9/24 Time 1516	
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.	: 243093
REPORT DATE	: 12/19/2024

On December 16, 2024, 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	243093-68856	702.5	S End Lincoln	243093-68865	715.5
MS-07	243093-68857	699.0	MS-01	243093-68866	702.0
MS-08	243093-68858	708.0	MS-02	243093-68867	699.0
MS-09	243093-68859	707.5	MS-03	243093-68868	707.0
MS-10	243093-68860	711.5	MS-04	243093-68869	695.5
MS-11	243093-68861	693.5	MS-05	243093-68870	699.5
MS-12	243093-68862	704.0	Working Face	243093-68871	692.0
SCV	243093-68863	714.0	Reaction	243093-68872	692.5
Chiquito Cyn Rd	243093-68864	701.5	--	--	--

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

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

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68856				243093-68857				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.45				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.27	<SRL	U	1	7.33	5.00
Methanol	<SRL	U	1	7.27	<SRL	U	1	7.33	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.91	<SRL	U	1	2.93	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Acetone	<SRL	U	1	2.91	<SRL	U	1	2.93	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.91	<SRL	U	1	2.93	2.00
Acrylonitrile	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.91	<SRL	U	1	2.93	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68856				243093-68857				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.45				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		100%				100%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68858				243093-68859				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
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	7.21	<SRL	U	1	7.21	5.00
Methanol	<SRL	U	1	7.21	<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	2.88	<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	2.88	3.58		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.88	<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	2.88	<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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68858				243093-68859				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.44				1.44				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.44	<SRL	U	1	1.44	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	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		96%				96%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-10			Sample Reporting Limit (SRL)	MS-11			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	243093-68860				243093-68861				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.44				1.47				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.22	<SRL	U	1	7.36	5.00
Methanol	<SRL	U	1	7.22	<SRL	U	1	7.36	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethanol	5.36		1	2.89	<SRL	U	1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.44	<SRL	U	1	1.47	1.00
Acetone	3.62		1	2.89	<SRL	U	1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.89	<SRL	U	1	2.94	2.00
Acrylonitrile	<SRL	U	1	1.44	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.89	<SRL	U	1	2.94	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-10			Sample Reporting Limit (SRL)	MS-11			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	243093-68860				243093-68861				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.44				1.47				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.44	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.44	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.44	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		98%				97%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
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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	243093-68862				243093-68863				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.45				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.26	<SRL	U	1	7.13	5.00
Methanol	<SRL	U	1	7.26	<SRL	U	1	7.13	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.90	2.87		1	2.85	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Acetone	<SRL	U	1	2.90	7.64		1	2.85	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.90	<SRL	U	1	2.85	2.00
Acrylonitrile	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Carbon Disulfide	<SRL	U	1	2.90	<SRL	U	1	2.85	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68862				243093-68863				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.45				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.43	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		97%				96%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68864				243093-68865				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.46				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acetaldehyde	<SRL	U	1	7.28	<SRL	U	1	7.18	5.00
Methanol	<SRL	U	1	7.28	<SRL	U	1	7.18	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.91	<SRL	U	1	2.87	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Acetone	<SRL	U	1	2.91	<SRL	U	1	2.87	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.91	<SRL	U	1	2.87	2.00
Acrylonitrile	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.91	<SRL	U	1	2.87	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Butanone (MEK)	<SRL	U	1	1.46	<SRL	U	1	1.44	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 : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68864				243093-68865				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.46				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.46	<SRL	U	1	1.44	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.46	<SRL	U	1	1.44	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		95%				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 : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68866				243093-68867				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.46				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.30	<SRL	U	1	7.34	5.00
Methanol	<SRL	U	1	7.30	<SRL	U	1	7.34	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.92	3.86		1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
Acetone	<SRL	U	1	2.92	<SRL	U	1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.92	<SRL	U	1	2.94	2.00
Acrylonitrile	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.92	<SRL	U	1	2.94	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	1.46	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethyl Acetate	<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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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68866				243093-68867				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.46				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	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	1.46	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	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	1.46	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.46	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	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		95%				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 : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68868				243093-68869				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.44				1.46				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.20	<SRL	U	1	7.31	5.00
Methanol	<SRL	U	1	7.20	<SRL	U	1	7.31	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	2.88	<SRL	U	1	2.92	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.44	<SRL	U	1	1.46	1.00
Acetone	<SRL	U	1	2.88	<SRL	U	1	2.92	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.88	<SRL	U	1	2.92	2.00
Acrylonitrile	<SRL	U	1	1.44	<SRL	U	1	1.46	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.46	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.88	<SRL	U	1	2.92	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68868				243093-68869				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.44				1.46				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.44	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.44	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.44	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		94%				94%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68870				243093-68871				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.47				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.33	<SRL	U	1	7.36	5.00
Methanol	<SRL	U	1	7.33	<SRL	U	1	7.36	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.93	<SRL	U	1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
Acetone	<SRL	U	1	2.93	<SRL	U	1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.93	<SRL	U	1	2.94	2.00
Acrylonitrile	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.93	<SRL	U	1	2.94	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68870				243093-68871				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/17/2024				12/17/2024				
Can Dilution Factor	1.47				1.47				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.47	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		95%				96%			70-130%

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

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68872				
Date Sampled	12/16/2024				
Date Analyzed	12/17/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.38	5.00
Methanol	<SRL	U	1	7.38	5.00
1,3-Butadiene	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.95	2.00
Vinyl Bromide	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.48	1.00
Acetone	<SRL	U	1	2.95	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.95	2.00
Acrylonitrile	<SRL	U	1	1.48	1.00
1,1-Dichloroethene	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.95	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243093
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
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	243093-68872				
Date Sampled	12/16/2024				
Date Analyzed	12/17/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.74	0.50
Carbon Tetrachloride	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	0.50
BFB-Surrogate Std, % Recovery		96%			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 : 243093
MATRIX : AIR

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethyl Sulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	243093-68856	12/16/2024	12/17/2024	<SRL	U	1.45	1.0	100%
MS-07	243093-68857	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	100%
MS-08	243093-68858	12/16/2024	12/17/2024	<SRL	U	1.44	1.0	96%
MS-09	243093-68859	12/16/2024	12/17/2024	<SRL	U	1.44	1.0	96%
MS-10	243093-68860	12/16/2024	12/17/2024	<SRL	U	1.44	1.0	98%
MS-11	243093-68861	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	97%
MS-12	243093-68862	12/16/2024	12/17/2024	<SRL	U	1.45	1.0	97%
SCV	243093-68863	12/16/2024	12/17/2024	<SRL	U	1.43	1.0	96%
Chiquito Cyn Rd	243093-68864	12/16/2024	12/17/2024	<SRL	U	1.46	1.0	95%
S End Lincoln	243093-68865	12/16/2024	12/17/2024	<SRL	U	1.44	1.0	94%
MS-01	243093-68866	12/16/2024	12/17/2024	<SRL	U	1.46	1.0	95%
MS-02	243093-68867	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	94%
MS-03	243093-68868	12/16/2024	12/17/2024	<SRL	U	1.44	1.0	94%
MS-04	243093-68869	12/16/2024	12/17/2024	<SRL	U	1.46	1.0	94%
MS-05	243093-68870	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	95%
Working Face	243093-68871	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	96%
Reaction	243093-68872	12/16/2024	12/17/2024	<SRL	U	1.48	1.0	96%

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

RL - Reporting Limit

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

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

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

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

E - Estimated value above the calibration range.

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Laboratory Analysis Report

Limonene via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 243093
MATRIX : AIR

DATE RECEIVED : 12/16/2024
DATE REPORTED : 12/19/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	243093-68856	12/16/2024	12/17/2024	<SRL	U	1.45	1.0	100%
MS-07	243093-68857	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	100%
MS-08	243093-68858	12/16/2024	12/17/2024	<SRL	U	1.44	1.0	96%
MS-09	243093-68859	12/16/2024	12/17/2024	1.63		1.44	1.0	96%
MS-10	243093-68860	12/16/2024	12/17/2024	<SRL	U	1.44	1.0	98%
MS-11	243093-68861	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	97%
MS-12	243093-68862	12/16/2024	12/17/2024	<SRL	U	1.45	1.0	97%
SCV	243093-68863	12/16/2024	12/17/2024	<SRL	U	1.43	1.0	96%
Chiquito Cyn Rd	243093-68864	12/16/2024	12/17/2024	<SRL	U	1.46	1.0	95%
S End Lincoln	243093-68865	12/16/2024	12/17/2024	<SRL	U	1.44	1.0	94%
MS-01	243093-68866	12/16/2024	12/17/2024	<SRL	U	1.46	1.0	95%
MS-02	243093-68867	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	94%
MS-03	243093-68868	12/16/2024	12/17/2024	<SRL	U	1.44	1.0	94%
MS-04	243093-68869	12/16/2024	12/17/2024	<SRL	U	1.46	1.0	94%
MS-05	243093-68870	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	95%
Working Face	243093-68871	12/16/2024	12/17/2024	<SRL	U	1.47	1.0	96%
Reaction	243093-68872	12/16/2024	12/17/2024	<SRL	U	1.48	1.0	96%

* 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 : 12/17/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	10.03	107
Chlorodifluoromethane	10.20	8.70	85
Propene	10.70	9.20	86
Dichlorodifluoromethane	10.40	9.79	94
Dimethyl Ether	10.10	8.52	84
Chloromethane	10.50	8.60	82
Dichlorotetrafluoroethane	10.20	10.72	105
Vinyl Chloride	10.60	9.67	91
Acetaldehyde	20.90	17.79	85
Methanol	20.40	18.77	92
1,3-Butadiene	10.70	9.45	88
Bromomethane	10.40	10.42	100
Chloroethane	10.40	9.58	92
Dichlorofluoromethane	10.10	9.54	94
Ethanol	11.40	8.88	78
Vinyl Bromide	10.10	10.35	102
Acrolein	10.90	9.68	89
Acetone	10.60	9.20	87
Trichlorofluoromethane	10.50	9.63	92
2-Propanol (IPA)	11.00	8.97	82
Acrylonitrile	11.10	8.49	76
1,1-Dichloroethene	10.50	10.04	96
Methylene Chloride (DCM)	10.40	10.03	96
TertButanol (TBA)	11.20	9.66	86
Allyl Chloride	10.20	8.71	85
Carbon Disulfide	10.50	10.29	98
Trichlorotrifluoroethane	10.30	10.19	99
trans-1,2-Dichloroethene	10.80	11.02	102
1,1-Dichloroethane	10.70	9.65	90
Methyl Tert Butyl Ether (MTBE)	10.70	10.02	94
Vinyl Acetate	11.00	8.29	75
2-Butanone (MEK)	10.70	9.87	92
cis-1,2-Dichloroethene	10.70	9.92	93
Hexane	10.80	9.82	91
Chloroform	10.70	10.22	96
Ethyl Acetate	10.70	9.11	85
Tetrahydrofuran	10.40	9.59	92
1,2-Dichloroethane	10.60	9.37	88
1,1,1-Trichloroethane	10.50	9.86	94
Benzene	10.70	10.24	96
Carbon Tetrachloride	10.30	9.88	96
Cyclohexane	10.50	9.65	92

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	10.07	94
Bromodichloromethane	10.50	9.67	92
1,4-Dioxane	10.50	9.83	94
Trichloroethene (TCE)	10.50	10.77	103
2,2,4-Trimethylpentane	10.10	9.50	94
Methyl Methacrylate	11.00	9.78	89
Heptane	10.50	9.94	95
cis-1,3-Dichloropropene	10.50	10.09	96
4-Methyl-2-pentanone (MiBK)	10.50	9.50	90
trans-1,3-Dichloropropene	10.60	9.65	91
1,1,2-Trichloroethane	10.60	9.45	89
Toluene	10.80	10.60	98
2-Hexanone (MBK)	10.50	9.44	90
Dibromochloromethane	10.60	10.63	100
1,2-Dibromoethane	10.60	10.73	101
Tetrachloroethene (PCE)	10.50	11.06	105
Chlorobenzene	10.80	10.76	100
Ethylbenzene	10.60	10.60	100
m & p-Xylene	21.20	20.85	98
Bromoform	10.60	10.62	100
Styrene	10.60	10.82	102
1,1,2,2-Tetrachloroethane	10.60	9.84	93
o-Xylene	10.60	10.49	99
1,2,3-Trichloropropane	11.00	11.08	101
Isopropylbenzene (Cumene)	10.40	10.29	99
α-Pinene	10.80	9.93	92
2-Chlorotoluene	10.30	10.68	104
n-Propylbenzene	10.10	10.34	102
4-Ethyltoluene	10.40	10.00	96
1,3,5-Trimethylbenzene	10.30	10.35	100
β-Pinene	10.90	9.78	90
1,2,4-Trimethylbenzene	10.30	10.18	99
Benzyl Chloride (a-Chlorotoluene)	10.30	9.59	93
1,3-Dichlorobenzene	10.30	11.38	110
1,4-Dichlorobenzene	10.20	10.72	105
Sec-ButylBenzene	10.00	9.73	97
1,2-Dichlorobenzene	10.40	10.70	103
n-ButylBenzene	10.20	9.85	97
1,2-Dibromo-3-Chloropropane	10.10	10.27	102
1,2,4-Trichlorobenzene	10.50	10.36	99
Naphthalene	10.90	11.32	104
Hexachlorobutadiene	10.80	10.47	97

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

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

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

* - β-Pinene results are estimated.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 12/17/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	10.03	9.91	107	105	1.2
1,1-Dichloroethene	0.0	10.50	10.04	9.66	96	92	3.9
Methylene Chloride (DCM)	0.0	10.40	10.03	9.66	96	93	3.8
Benzene	0.0	10.70	10.24	10.14	96	95	1.0
Trichloroethene (TCE)	0.0	10.50	10.77	10.86	103	103	0.8
Toluene	0.0	10.80	10.60	10.44	98	97	1.5
Tetrachloroethene (PCE)	0.0	10.50	11.06	10.69	105	102	3.4
Chlorobenzene	0.0	10.80	10.76	10.73	100	99	0.3
Ethylbenzene	0.0	10.60	10.60	10.01	100	94	5.7
m & p-Xylene	0.0	21.20	20.85	20.22	98	95	3.1
o-Xylene	0.0	10.60	10.49	10.09	99	95	3.9

[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 : 12/17/2024
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 121724*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	100%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	*MB 121724*	*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 : 12/17/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x112.66

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242959-68103

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.15	9.14	0.1
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	<SRL	<SRL	
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone	9180	8030	13.4
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	<SRL	<SRL	
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	<SRL	<SRL	
TertButanol (TBA)	<SRL	<SRL	
Allyl Chloride	<SRL	<SRL	
Carbon Disulfide	<SRL	<SRL	
Trichlorotrifluoroethane	<SRL	<SRL	
trans-1,2-Dichloroethene	<SRL	<SRL	
1,1-Dichloroethane	<SRL	<SRL	
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	
Vinyl Acetate	<SRL	<SRL	
2-Butanone (MEK)	<SRL	<SRL	
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	6430	5900	8.6
Chloroform	<SRL	<SRL	
Ethyl Acetate	<SRL	<SRL	
Tetrahydrofuran	<SRL	<SRL	
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	852	794	7.0
Carbon Tetrachloride	<SRL	<SRL	
Cyclohexane	944	892	5.6

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	3340	3140	6.2
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)

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243093

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 EXTENDED LIST + DMS					Lab ID
MS-06	68856	12/16/24	1304	summa 1	X					
MS-07	68857		1438		X					
MS-08	68858		1506		X					
MS-09	68859		1514		X					
MS-10	68860		1225		X					
MS-11	68861		1239		X					
MS-12	68862		1501		X					
SCV	68863		1216		X					
Chiquito Cyn Rd	68864		1448		X					
S. End Lincoln	68865		1456		X					

LAB USE ONLY

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

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By	Date	Received By	Date
Print: Nathaniel Davalos	12/16	Print:	12/16/24
Signature: ND	Time	Signature:	Time 1624
Relinquished By	Date	Received By	Date
Print:		Print:	
Signature:	Time	Signature:	Time

17 ans

243093

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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

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

Sampler Name
Print: Nathaniel Donatos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS	LAB USE ONLY: Lab ID
MS-01	68866	12-16-24	1348	summa 1	X	
MS-02	68867		1418		X	
MS-03	68868		1328		X	
MS-04	68869		1359		X	
MS-05	68870		1338		X	
Working Face	68871		1428		X	
Reaction	68872		1407			

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 Donatos Signature: ND	Date 12/16 Time	**Received By** Print: Signature:	Date 12/16/24 Time 1624	
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time	

243093

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Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR	Lab ID
MS-06 (12/16/24) 68	66873	12-16-24	1304	tedlar 1	X	
MS-07 (12/16/24) 68	66874		1438		X	
MS-08 68	66875		1506		X	
MS-09 68	66876		1514		X	
MS-10 68	66877		1225		X	
MS-11 68	66878		1239		X	
MS-12 68	66879		1501		X	
SCV 68	66880		1216		X	
Chiquito Cyn Rd 68	66881		1448		X	
S. End Lincoln 68	66882		1456		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 12/16 Time	**Received By** Print: Signature:	Date 12/16/24 Time 1624
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

243093

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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 (68 → 12/18/24)	66883	12-16-24	1348	tedlar 1	X
MS-02 (68 → 12/18/24)	66884		1418		X
MS-03 (68)	66885		1328		X
MS-04 (68)	66886		1359		X
MS-05 (68)	66887		1338		X
Working Face (68)	66888		1428		X
Reaction (68)	66889		1407		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 12/16 Time	**Received By** Print: Signature:	Date 12/16/24 Time 1624
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.	: 243093
REPORT DATE	: 12/18/2024

On December 16th 2024, 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	243093-68873	S. End Lincoln	243093-68882
MS-07	243093-68874	MS-01	243093-68883
MS-08	243093-68875	MS-02	243093-68884
MS-09	243093-68876	MS-03	243093-68885
MS-10	243093-68877	MS-04	243093-68886
MS-11	243093-68878	MS-05	243093-68887
MS-12	243093-68879	Working Face	243093-68888
SCV	243093-68880	Reaction	243093-68889
Chiquito Cyn Rd	243093-68881	-	-

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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 243093
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/16/2024
RECEIVING DATE : 12/16/2024
ANALYSIS DATE : 12/16-17/2024
REPORT DATE : 12/18/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	243093-68873	243093-68874	243093-68875	243093-68876	243093-68877	243093-68878
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. : 243093
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/16/2024
RECEIVING DATE : 12/16/2024
ANALYSIS DATE : 12/16-17/2024
REPORT DATE : 12/18/2024

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	243093-68879	243093-68880	243093-68881	243093-68882	243093-68883	243093-68884
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. : 243093
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/16/2024
RECEIVING DATE : 12/16/2024
ANALYSIS DATE : 12/17/2024
REPORT DATE : 12/18/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	243093-68885	243093-68886	243093-68887	243093-68888	243093-68889
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: 12/16/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6982	0.491	96.0	1.0
Duplicate	6973	0.490	95.9	1.2
Triplicate	7209	0.507	99.1	2.2

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5962	0.497	99.1	1.3
Duplicate	5982	0.499	99.4	1.0
Triplicate	6182	0.516	102.7	2.3

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8890	0.519	104.4	0.5
Duplicate	8805	0.514	103.4	0.5
Triplicate	8851	0.517	103.9	0.0

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242742-66846**

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

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

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.250	0.259	97.8	101.4	3.5
MeSH	<PQL	0.251	0.229	0.250	91.2	99.6	8.8
DMS	<PQL	0.249	0.245	0.266	98.6	107.0	8.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.501	98.0
MeSH	0.502	0.483	96.2
DMS	0.497	0.496	99.8

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/16/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11236	493	96.5	1.8
Duplicate	11820	518	101.5	3.3
Triplicate	11263	494	96.7	1.5

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10174	502	100.0	0.4
Duplicate	10408	513	102.3	1.9
Triplicate	10059	496	98.9	1.5

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	14752	502	101.0	1.0
Duplicate	14565	495	99.7	0.2
Triplicate	14487	493	99.2	0.8

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242742-66846**

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

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

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	259.5	246.2	101.7	96.5	5.2
MeSH	<PQL	250.9	257.8	249.7	102.7	99.5	3.2
DMS	<PQL	248.5	259.8	264.1	104.5	106.3	1.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	555.2	108.8
MeSH	501.8	544.1	108.4
DMS	497.0	541.0	108.9

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/17/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7046	0.495	96.9	1.3
Duplicate	7197	0.506	99.0	0.8
Triplicate	7176	0.504	98.7	0.5

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6022	0.502	100.1	0.6
Duplicate	6096	0.508	101.3	0.6
Triplicate	6062	0.506	100.7	0.0

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8544	0.499	100.3	2.0
Duplicate	8784	0.513	103.2	0.7
Triplicate	8837	0.516	103.8	1.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243093-66883**

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 243093-66883 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.271	0.250	106.1	97.8	8.1
MeSH	<PQL	0.251	0.265	0.250	105.6	99.6	5.8
DMS	<PQL	0.249	0.273	0.273	109.9	109.9	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.504	98.6
MeSH	0.502	0.495	98.6
DMS	0.497	0.504	101.4

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/17/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

510.5 ppbV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11447	502	98.3	0.1
Duplicate	11268	494	96.8	1.5
Triplicate	11606	509	99.7	1.4

501.8 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10052	496	98.8	1.5
Duplicate	10294	508	101.2	0.8
Triplicate	10284	507	101.1	0.7

497.0 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	15139	515	103.6	0.3
Duplicate	15090	513	103.3	0.0
Triplicate	15046	512	103.0	0.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243093-66882**

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 243093-66882 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	255.3	267.2	264.6	104.7	103.7	1.0
MeSH	<PQL	250.9	251.0	250.5	100.0	99.9	0.2
DMS	<PQL	248.5	268.0	255.6	107.9	102.9	4.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	510.5	507.1	99.3
MeSH	501.8	508.6	101.4
DMS	497.0	509.0	102.4

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*
PQL = 50.0 ppbV
MDL =5.0 ppbV

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243093

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR	Lab ID
MS-06 (12/18/24) 68	66873	12-16-24	1304	tedlar 1	X	
MS-07 68	66874		1438		X	
MS-08 68	66875		1506		X	
MS-09 68	66876		1514		X	
MS-10 68	66877		1225		X	
MS-11 68	66878		1239		X	
MS-12 68	66879		1501		X	
SCV 68	66880		1216		X	
Chiquito Cyn Rd 68	66881		1448		X	
S. End Lincoln 68	66882	↓	1456		X	

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Davalos Signature: ND	Date 12/16 Time	**Received By** Print: Signature:	Date 12/16/24 Time 1624
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

243093

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

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

Send Invoice To (Name/Email/Address)

PO Number

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR				
MS-01	66883	12-16-24	1348	tedlar 1	X				
MS-02	66884		1418		X				
MS-03	66885		1328		X				
MS-04	66886		1359		X				
MS-05	66887		1338		X				
Working Face	66888		1428		X				
Reaction	66889		1407		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 12/16 Time	**Received By** Print: Signature:	Date 12/16/24 Time 1624
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

243093

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

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

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

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

Sampler Name
Print: Nathaniel Dawalos
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-06	68856	12/16/24	1304	summa 1	X					
MS-07	68857		1438		X					
MS-08	68858		1506		X					
MS-09	68859		1514		X					
MS-10	68860		1225		X					
MS-11	68861		1239		X					
MS-12	68862		1501		X					
SCV	68863		1216		X					
Chiquito Cyn Rd	68864		1448		X					
S. End Lincoln	68865		1456		X					

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By Print: Nathaniel Dawalos Signature: ND	Date 12/16 Time	**Received By** Print: Signature:	Date 12/16/24 Time 1624
Relinquished By Print: Signature:	Date Time	**Received By** Print: Signature:	Date Time

17 ms

243093

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 Dowales
Signature: ND

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-01	68866	12-16-24	1348	summa 1	X					
MS-02	68867		1418		X					
MS-03	68868		1328		X					
MS-04	68869		1359		X					
MS-05	68870		1338		X					
Working Face	68871		1428		X					
Reaction	68872		1407							

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 Dowales Signature: ND	Date 12/16 Time	**Received By** Print: Signature:	Date 12/16/24 Time 1624
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.	: 243161
REPORT DATE	: 01/03/2025

On December 23rd 2024, 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	243161-69220	S. End Lincoln	243161-69229
MS-07	243161-69221	MS-01	243161-69230
MS-08	243161-69222	MS-02	243161-69231
MS-09	243161-69223	MS-03	243161-69232
MS-10	243161-69224	MS-04	243161-69233
MS-11	243161-69225	MS-05	243161-69234
MS-12	243161-69226	Working Face	243161-69235
SCV	243161-69227	Reaction	243161-69236
Chiquito Cyn Rd	243161-69228	-	-

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. : 243161
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/23/2024
RECEIVING DATE : 12/23/2024
ANALYSIS DATE : 12/23/2024
REPORT DATE : 01/03/2025

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	243161-69220	243161-69221	243161-69222	243161-69223	243161-69224	243161-69225
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

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

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

Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 243161
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/23/2024
RECEIVING DATE : 12/23/2024
ANALYSIS DATE : 12/23-24/2024
REPORT DATE : 01/03/2025

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	SCV	Chiquito Cyn Rd	S. End Lincoln	MS-01	MS-02
AAC ID	243161-69226	243161-69227	243161-69228	243161-69229	243161-69230	243161-69231
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. : 243161
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/23/2024
RECEIVING DATE : 12/23/2024
ANALYSIS DATE : 12/24/2024
REPORT DATE : 01/03/2025

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	243161-69232	243161-69233	243161-69234	243161-69235	243161-69236
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: 12/23/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

494.0 ppbV H2S (GC-091924-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11565	507	102.7	0.2
Duplicate	11822	518	104.9	2.4
Triplicate	11250	493	99.9	2.6

507.5 ppbV MeSH (GC-091924-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10751	530	104.5	0.7
Duplicate	10680	527	103.8	0.0
Triplicate	10613	523	103.2	0.6

480.5 ppbV DMS (GC-091924-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	14686	500	104.0	0.7
Duplicate	14592	496	103.3	0.1
Triplicate	14471	492	102.4	0.8

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242742-66846**

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

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

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	247.0	260.7	249.4	105.6	101.0	4.5
MeSH	<PQL	253.8	271.0	267.6	106.8	105.5	1.2
DMS	<PQL	240.3	245.6	233.3	102.2	97.1	5.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	494.0	493.9	100.0
MeSH	507.5	516.8	101.8
DMS	480.5	467.9	97.4

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/23/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.494 ppmV H2S (GC-091924-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7305	0.513	103.9	0.8
Duplicate	7182	0.505	102.2	0.9
Triplicate	7263	0.510	103.3	0.2

0.508 ppmV MeSH (GC-091924-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6373	0.532	104.7	0.7
Duplicate	6259	0.522	102.9	1.1
Triplicate	6358	0.530	104.5	0.4

0.481 ppmV DMS (GC-091924-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8308	0.485	100.9	0.3
Duplicate	8256	0.482	100.3	1.0
Triplicate	8447	0.493	102.6	1.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242742-66846**

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

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

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.247	0.267	0.255	108.1	103.2	4.6
MeSH	<PQL	0.254	0.278	0.277	109.6	109.2	0.4
DMS	<PQL	0.240	0.229	0.234	95.3	97.4	2.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.494	0.512	103.6
MeSH	0.508	0.511	100.7
DMS	0.481	0.471	98.0

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

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/24/2024
Analyst: NR/DM
Units: ppbV

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

Opening Calibration Verification Standard

494.0 ppbV H2S (GC-091924-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11291	495	100.2	1.7
Duplicate	11598	509	102.9	1.0
Triplicate	11563	507	102.6	0.7

507.5 ppbV MeSH (GC-091924-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10737	530	104.4	0.0
Duplicate	10676	527	103.8	0.5
Triplicate	10790	532	104.9	0.5

480.5 ppbV DMS (GC-091924-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	13841	471	98.0	0.7
Duplicate	13955	475	98.8	0.1
Triplicate	14012	477	99.2	0.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243161-69233**

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 243161-69233 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	247.0	246.4	249.4	99.8	101.0	1.2
MeSH	<PQL	253.8	264.2	259.6	104.1	102.3	1.8
DMS	<PQL	240.3	237.9	234.8	99.0	97.7	1.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	494.0	498.9	101.0
MeSH	507.5	515.0	101.5
DMS	480.5	448.6	93.4

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

PQL = 50.0 ppbV
MDL =5.0 ppbV

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

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/24/2024
Analyst: NR/DM
Units: ppmV

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

Opening Calibration Verification Standard

0.494 ppmV H2S (GC-091924-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7322	0.515	104.2	1.7
Duplicate	7336	0.516	104.4	1.9
Triplicate	6943	0.488	98.8	3.6

0.508 ppmV MeSH (GC-091924-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6378	0.532	104.8	0.2
Duplicate	6380	0.532	104.9	0.2
Triplicate	6341	0.529	104.2	0.4

0.481 ppmV DMS (GC-091924-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8053	0.470	97.8	1.2
Duplicate	7849	0.458	95.3	1.4
Triplicate	7972	0.465	96.8	0.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243161-69236**

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 243161-69236 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.247	0.270	0.266	109.3	107.7	1.5
MeSH	<PQL	0.254	0.279	0.276	110.0	108.8	1.1
DMS	<PQL	0.240	0.263	0.264	109.5	109.9	0.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.494	0.508	102.8
MeSH	0.508	0.514	101.3
DMS	0.481	0.444	92.4

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

PQL = 0.05 ppmV

MDL = 0.005 ppmV

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

243161

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

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

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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

AAC Project No.:

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: 307.91 SULFUR	Lab ID
MS-06	69220	12-23-24	1101	tedlar 1	X	
MS-07	69221		1227		X	
MS-08	69222		1252		X	
MS-09	69223		1303		X	
MS-10	69224		0910		X	
MS-11	69225		1040		X	
MS-12	69226		1246		X	
SCV	69227		0901		X	
Chiquito Cyn Rd	69228		1235		X	
S. End Lincoln	69229		1240		X	

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By	Date	Received By	Date
Print: Nathaniel Davalos	12-23-24	Print:	
Signature: ND	Time	Signature:	Time
Relinquished By	Date	Received By	Date 12/23/24
Print:		Print:	Time 1406
Signature:	Time	Signature:	

243161

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

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

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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

AAC Project No.:

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					Lab ID
MS-01	69230	12-23-24	1134	tedlar 1	X					
MS-02	69231	↓	1217		X					
MS-03	69232		1109		X					
MS-04	69233		1147		X					
MS-05	69234		1124		X					
Working Face	69235		1209		X					
Reaction	69236		1155		X					

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By	Date	Received By	Date
Print: Nathaniel Davalos	12-23-24	Print:	
Signature: ND	Time	Signature:	Time
Relinquished By	Date	Received By	Date 12/23/24
Print:		Print:	Time 1406
Signature:	Time	Signature:	

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

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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

AAC Project No.:

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS
MS-06	69203	12-23-24	1101	summa 1	X
MS-07	69204		1227		X
MS-08	69205		1252		X
MS-09	69206		1303		X
MS-10	69207		0910		X
MS-11	69208		1040		X
MS-12	69209		1246		X
SCV	69210		0901		X
Chiquito Cyn Rd	69211		1235		X
S. End Lincoln	69212	↓	1240		X

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY Notes:

Relinquished By	Date	Received By	Date
Print: Nathaniel Davalos	12-23-24	Print:	
Signature: ND	Time	Signature:	Time
Relinquished By	Date	Received By	Date 12/27/24
Print:		Print:	Time 1406
Signature:	Time	Signature:	

17k ans

243161

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

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

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

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

Sampler Name
Print: Nathaniel Davalos
Signature: ND

AAC Project No.:

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

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS
MS-01	69213	12-23-24	1134	summa 1	X
MS-02	69214		1217		X
MS-03	69215		1109		X
MS-04	69216		1147		X
MS-05	69217		1124		X
Working Face	69218		1209		X
Reaction	69219		1155		X

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

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By	Date	Received By	Date
Print: Nathaniel Davalos	12-23-24	Print:	
Signature: ND	Time	Signature:	Time
Relinquished By	Date	Received By	Date 12/23/24
Print:		Print:	Time 1406
Signature:	Time	Signature:	

Atmospheric Analysis & Consulting, Inc

CLIENT	: SCS Engineers
PROJECT NAME	: Chiquita ON/OFF
PROJECT NO.	: 01204123.21 TASK 22
AAC PROJECT NO.	: 243161
REPORT DATE	: 01/03/2025

On December 23, 2024, 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	243161-69203	707.0	S End Lincoln	243161-69212	756.5
MS-07	243161-69204	694.0	MS-01	243161-69213	699.5
MS-08	243161-69205	675.5	MS-02	243161-69214	688.0
MS-09	243161-69206	697.5	MS-03	243161-69215	709.5
MS-10	243161-69207	726.0	MS-04	243161-69216	694.0
MS-11	243161-69208	702.0	MS-05	243161-69217	690.5
MS-12	243161-69209	697.0	Working Face	243161-69218	697.0
SCV	243161-69210	723.0	Reaction	243161-69219	689.5
Chiquito Cyn Rd	243161-69211	698.5	--	--	--

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

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

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

Sucha Parmar, Ph.D.
Technical Director

This report consists of 29 pages.

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69203				243161-69204				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.45				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	1.45	<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	7.23	<SRL	U	1	7.33	5.00
Methanol	<SRL	U	1	7.23	<SRL	U	1	7.33	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	5.43		1	2.89	<SRL	U	1	2.93	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Acetone	5.01		1	2.89	<SRL	U	1	2.93	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.89	<SRL	U	1	2.93	2.00
Acrylonitrile	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.89	<SRL	U	1	2.93	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69203				243161-69204				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.45				1.47				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		97%				96%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69205				243161-69206				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.51				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.51	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.56	<SRL	U	1	7.27	5.00
Methanol	<SRL	U	1	7.56	<SRL	U	1	7.27	5.00
1,3-Butadiene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Ethanol	<SRL	U	1	3.02	4.58		1	2.91	2.00
Vinyl Bromide	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.51	<SRL	U	1	1.45	1.00
Acetone	4.36		1	3.02	11.5		1	2.91	2.00
Trichlorofluoromethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	3.02	<SRL	U	1	2.91	2.00
Acrylonitrile	<SRL	U	1	1.51	<SRL	U	1	1.45	1.00
1,1-Dichloroethene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.51	<SRL	U	1	1.45	1.00
TertButanol (TBA)	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.51	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	3.02	<SRL	U	1	2.91	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.51	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69205				243161-69206				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.51				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.51	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.51	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.51	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.76	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		98%				97%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69207				243161-69208				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.41				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.41	<SRL	U	1	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.06	<SRL	U	1	7.27	5.00
Methanol	8.36		1	7.06	<SRL	U	1	7.27	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethanol	7.37		1	2.83	4.84		1	2.91	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.41	<SRL	U	1	1.45	1.00
Acetone	32.0		1	2.83	9.09		1	2.91	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.83	<SRL	U	1	2.91	2.00
Acrylonitrile	<SRL	U	1	1.41	<SRL	U	1	1.45	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.41	<SRL	U	1	1.45	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.41	<SRL	U	1	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.83	<SRL	U	1	2.91	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.41	<SRL	U	1	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexane	0.72		1	0.71	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69207				243161-69208				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.41				1.45				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.41	<SRL	U	1	1.45	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.71	0.95		1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.41	<SRL	U	1	1.45	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.41	<SRL	U	1	1.45	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		98%				97%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69209				243161-69210				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.47				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.47	<SRL	U	1	1.41	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Acetaldehyde	<SRL	U	1	7.33	<SRL	U	1	7.06	5.00
Methanol	<SRL	U	1	7.33	10.8		1	7.06	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.93	6.11		1	2.82	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Acrolein	<SRL	U	1	1.47	<SRL	U	1	1.41	1.00
Acetone	<SRL	U	1	2.93	17.2		1	2.82	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.93	<SRL	U	1	2.82	2.00
Acrylonitrile	<SRL	U	1	1.47	<SRL	U	1	1.41	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	<SRL	U	1	1.41	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.41	1.00
Carbon Disulfide	<SRL	U	1	2.93	<SRL	U	1	2.82	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.47	<SRL	U	1	1.41	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-12			Sample Reporting Limit (SRL)	SCV			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	243161-69209				243161-69210				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.47				1.41				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.47	<SRL	U	1	1.41	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.47	<SRL	U	1	1.41	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.47	<SRL	U	1	1.41	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
β-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
n-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Naphthalene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		98%				99%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Chiquito Cyn Rd			Sample Reporting Limit (SRL)	S End Lincoln			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	243161-69211				243161-69212				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.46				1.34				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Propene	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Acetaldehyde	<SRL	U	1	7.28	<SRL	U	1	6.71	5.00
Methanol	<SRL	U	1	7.28	8.18		1	6.71	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Ethanol	<SRL	U	1	2.91	4.32		1	2.68	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
Acetone	<SRL	U	1	2.91	3.46		1	2.68	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
2-Propanol (IPA)	<SRL	U	1	2.91	<SRL	U	1	2.68	2.00
Acrylonitrile	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	1.40		1	1.34	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
Carbon Disulfide	<SRL	U	1	2.91	<SRL	U	1	2.68	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
2-Butanone (MEK)	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69211				243161-69212				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.46				1.34				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,4-Dioxane	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
2-Hexanone (MBK)	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
m & p-Xylene	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
β-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
n-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Naphthalene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
BFB-Surrogate Std. % Recovery		97%				96%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69213				243161-69214				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.46				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.46	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.28	<SRL	U	1	7.39	5.00
Methanol	<SRL	U	1	7.28	<SRL	U	1	7.39	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Ethanol	3.49		1	2.91	<SRL	U	1	2.96	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.46	<SRL	U	1	1.48	1.00
Acetone	<SRL	U	1	2.91	3.00		1	2.96	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.91	<SRL	U	1	2.96	2.00
Acrylonitrile	<SRL	U	1	1.46	<SRL	U	1	1.48	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.91	<SRL	U	1	2.96	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.46	<SRL	U	1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69213				243161-69214				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.46				1.48				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.46	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.46	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.46	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		101%				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 : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69215				243161-69216				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
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	0.74	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.72	0.84		1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.17	<SRL	U	1	7.36	5.00
Methanol	<SRL	U	1	7.17	<SRL	U	1	7.36	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethanol	3.86		1	2.87	<SRL	U	1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.47	1.00
Acetone	3.08		1	2.87	<SRL	U	1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.87	<SRL	U	1	2.94	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.87	<SRL	U	1	2.94	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69215				243161-69216				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.43				1.47				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		98%				99%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69217				243161-69218				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.48				1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.48	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	0.78		1	0.73	0.50
Dimethyl Ether	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloromethane	<SRL	U	1	0.74	0.79		1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acetaldehyde	<SRL	U	1	7.39	<SRL	U	1	7.34	5.00
Methanol	<SRL	U	1	7.39	8.18		1	7.34	5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethanol	4.27		1	2.95	5.23		1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Acrolein	<SRL	U	1	1.48	<SRL	U	1	1.47	1.00
Acetone	3.35		1	2.95	3.57		1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.95	<SRL	U	1	2.94	2.00
Acrylonitrile	<SRL	U	1	1.48	<SRL	U	1	1.47	1.00
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.48	<SRL	U	1	1.47	1.00
TertButanol (TBA)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Allyl Chloride	<SRL	U	1	1.48	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.95	<SRL	U	1	2.94	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.48	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69217				243161-69218				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	12/24/2024				12/24/2024				
Can Dilution Factor	1.48				1.47				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.48	<SRL	U	1	1.47	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Methyl Methacrylate	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.48	<SRL	U	1	1.47	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.48	<SRL	U	1	1.47	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
α-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
2-Chlorotoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-Propylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
β-Pinene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
n-ButylBenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Naphthalene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		97%				98%			70-130%

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

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

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69219				
Date Sampled	12/23/2024				
Date Analyzed	12/24/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.38	5.00
Methanol	8.43		1	7.38	5.00
1,3-Butadiene	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.95	2.00
Vinyl Bromide	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.48	1.00
Acetone	<SRL	U	1	2.95	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.95	2.00
Acrylonitrile	<SRL	U	1	1.48	1.00
1,1-Dichloroethene	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.95	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243161
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
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	243161-69219				
Date Sampled	12/23/2024				
Date Analyzed	12/24/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Tetrahydrofuran	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.74	0.50
Carbon Tetrachloride	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		96%			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 : 243161
MATRIX : AIR

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethyl Sulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	243161-69203	12/23/2024	12/24/2024	<SRL	U	1.45	1.0	97%
MS-07	243161-69204	12/23/2024	12/24/2024	<SRL	U	1.47	1.0	96%
MS-08	243161-69205	12/23/2024	12/24/2024	<SRL	U	1.51	1.0	98%
MS-09	243161-69206	12/23/2024	12/24/2024	<SRL	U	1.45	1.0	97%
MS-10	243161-69207	12/23/2024	12/24/2024	<SRL	U	1.41	1.0	98%
MS-11	243161-69208	12/23/2024	12/24/2024	<SRL	U	1.45	1.0	97%
MS-12	243161-69209	12/23/2024	12/24/2024	<SRL	U	1.47	1.0	98%
SCV	243161-69210	12/23/2024	12/24/2024	<SRL	U	1.41	1.0	99%
Chiquito Cyn Rd	243161-69211	12/23/2024	12/24/2024	<SRL	U	1.46	1.0	97%
S End Lincoln	243161-69212	12/23/2024	12/24/2024	<SRL	U	1.34	1.0	96%
MS-01	243161-69213	12/23/2024	12/24/2024	<SRL	U	1.46	1.0	101%
MS-02	243161-69214	12/23/2024	12/24/2024	<SRL	U	1.48	1.0	96%
MS-03	243161-69215	12/23/2024	12/24/2024	<SRL	U	1.43	1.0	98%
MS-04	243161-69216	12/23/2024	12/24/2024	<SRL	U	1.47	1.0	99%
MS-05	243161-69217	12/23/2024	12/24/2024	<SRL	U	1.48	1.0	97%
Working Face	243161-69218	12/23/2024	12/24/2024	<SRL	U	1.47	1.0	98%
Reaction	243161-69219	12/23/2024	12/24/2024	<SRL	U	1.48	1.0	96%

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

RL - Reporting Limit

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

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

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

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

E - Estimated value above the calibration range.

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Laboratory Analysis Report

Limonene via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 243161
MATRIX : AIR

DATE RECEIVED : 12/23/2024
DATE REPORTED : 01/03/2025
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	243161-69203	12/23/2024	12/24/2024	<SRL	U	1.45	1.0	97%
MS-07	243161-69204	12/23/2024	12/24/2024	<SRL	U	1.47	1.0	96%
MS-08	243161-69205	12/23/2024	12/24/2024	<SRL	U	1.51	1.0	98%
MS-09	243161-69206	12/23/2024	12/24/2024	<SRL	U	1.45	1.0	97%
MS-10	243161-69207	12/23/2024	12/24/2024	<SRL	U	1.41	1.0	98%
MS-11	243161-69208	12/23/2024	12/24/2024	<SRL	U	1.45	1.0	97%
MS-12	243161-69209	12/23/2024	12/24/2024	<SRL	U	1.47	1.0	98%
SCV	243161-69210	12/23/2024	12/24/2024	1.24		1.41	1.0	99%
Chiquito Cyn Rd	243161-69211	12/23/2024	12/24/2024	<SRL	U	1.46	1.0	97%
S End Lincoln	243161-69212	12/23/2024	12/24/2024	<SRL	U	1.34	1.0	96%
MS-01	243161-69213	12/23/2024	12/24/2024	<SRL	U	1.46	1.0	101%
MS-02	243161-69214	12/23/2024	12/24/2024	<SRL	U	1.48	1.0	96%
MS-03	243161-69215	12/23/2024	12/24/2024	<SRL	U	1.43	1.0	98%
MS-04	243161-69216	12/23/2024	12/24/2024	<SRL	U	1.47	1.0	99%
MS-05	243161-69217	12/23/2024	12/24/2024	<SRL	U	1.48	1.0	97%
Working Face	243161-69218	12/23/2024	12/24/2024	<SRL	U	1.47	1.0	98%
Reaction	243161-69219	12/23/2024	12/24/2024	<SRL	U	1.48	1.0	96%

* 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 : 12/24/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	10.00	106
Chlorodifluoromethane	10.20	9.70	95
Propene	10.70	9.35	87
Dichlorodifluoromethane	10.40	10.77	104
Dimethyl Ether	10.10	9.42	93
Chloromethane	10.50	9.37	89
Dichlorotetrafluoroethane	10.20	10.51	103
Vinyl Chloride	10.60	10.52	99
Acetaldehyde	20.90	19.15	92
Methanol	20.40	19.42	95
1,3-Butadiene	10.70	10.26	96
Bromomethane	10.40	10.57	102
Chloroethane	10.40	9.56	92
Dichlorofluoromethane	10.10	10.26	102
Ethanol	11.40	9.41	83
Vinyl Bromide	10.10	9.93	98
Acrolein	10.90	9.50	87
Acetone	10.60	10.03	95
Trichlorofluoromethane	10.50	10.84	103
2-Propanol (IPA)	11.00	9.78	89
Acrylonitrile	11.10	8.80	79
1,1-Dichloroethene	10.50	10.84	103
Methylene Chloride (DCM)	10.40	10.52	101
TertButanol (TBA)	11.20	10.85	97
Allyl Chloride	10.20	10.47	103
Carbon Disulfide	10.50	11.04	105
Trichlorotrifluoroethane	10.30	10.67	104
trans-1,2-Dichloroethene	10.80	11.55	107
1,1-Dichloroethane	10.70	10.86	101
Methyl Tert Butyl Ether (MTBE)	10.70	10.45	98
Vinyl Acetate	11.00	9.43	86
2-Butanone (MEK)	10.70	10.52	98
cis-1,2-Dichloroethene	10.70	11.32	106
Hexane	10.80	11.22	104
Chloroform	10.70	11.35	106
Ethyl Acetate	10.70	9.94	93
Tetrahydrofuran	10.40	10.60	102
1,2-Dichloroethane	10.60	11.32	107
1,1,1-Trichloroethane	10.50	11.26	107
Benzene	10.70	10.81	101
Carbon Tetrachloride	10.30	11.09	108
Cyclohexane	10.50	10.28	98

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	10.58	99
Bromodichloromethane	10.50	10.92	104
1,4-Dioxane	10.50	10.60	101
Trichloroethene (TCE)	10.50	11.08	106
2,2,4-Trimethylpentane	10.10	9.56	95
Methyl Methacrylate	11.00	10.44	95
Heptane	10.50	10.44	99
cis-1,3-Dichloropropene	10.50	10.90	104
4-Methyl-2-pentanone (MiBK)	10.50	10.10	96
trans-1,3-Dichloropropene	10.60	10.59	100
1,1,2-Trichloroethane	10.60	9.88	93
Toluene	10.80	10.98	102
2-Hexanone (MBK)	10.50	9.95	95
Dibromochloromethane	10.60	11.21	106
1,2-Dibromoethane	10.60	11.03	104
Tetrachloroethene (PCE)	10.50	11.23	107
Chlorobenzene	10.80	10.91	101
Ethylbenzene	10.60	10.76	102
m & p-Xylene	21.20	21.58	102
Bromoform	10.60	11.12	105
Styrene	10.60	11.12	105
1,1,2,2-Tetrachloroethane	10.60	10.00	94
o-Xylene	10.60	10.77	102
1,2,3-Trichloropropane	11.00	11.51	105
Isopropylbenzene (Cumene)	10.40	10.48	101
α-Pinene	10.80	10.81	100
2-Chlorotoluene	10.30	10.69	104
n-Propylbenzene	10.10	10.72	106
4-Ethyltoluene	10.40	10.22	98
1,3,5-Trimethylbenzene	10.30	10.46	102
β-Pinene	10.90	10.74	99
1,2,4-Trimethylbenzene	10.30	10.37	101
Benzyl Chloride (a-Chlorotoluene)	10.30	10.43	101
1,3-Dichlorobenzene	10.30	10.79	105
1,4-Dichlorobenzene	10.20	10.90	107
Sec-ButylBenzene	10.00	9.78	98
1,2-Dichlorobenzene	10.40	10.84	104
n-ButylBenzene	10.20	10.18	100
1,2-Dibromo-3-Chloropropane	10.10	10.46	104
1,2,4-Trichlorobenzene	10.50	11.15	106
Naphthalene	10.90	11.65	107
Hexachlorobutadiene	10.80	10.75	100

[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 : 12/24/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	10.00	9.51	106	101	5.0
1,1-Dichloroethene	0.0	10.50	10.84	10.21	103	97	6.0
Methylene Chloride (DCM)	0.0	10.40	10.52	10.07	101	97	4.4
Benzene	0.0	10.70	10.81	10.63	101	99	1.7
Trichloroethene (TCE)	0.0	10.50	11.08	10.91	106	104	1.5
Toluene	0.0	10.80	10.98	10.81	102	100	1.6
Tetrachloroethene (PCE)	0.0	10.50	11.23	10.90	107	104	3.0
Chlorobenzene	0.0	10.80	10.91	10.55	101	98	3.4
Ethylbenzene	0.0	10.60	10.76	10.54	102	99	2.1
m & p-Xylene	0.0	21.20	21.58	21.21	102	100	1.7
o-Xylene	0.0	10.60	10.77	10.49	102	99	2.6

[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 : 12/24/2024
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 122424*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	98%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	*MB 122424*	*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 : 12/24/2024
MATRIX : Air
UNITS : PPB (v/v)

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

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 243161-69219

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.05	9.13	0.9
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	8.43	8.70	3.1
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol J	2.70	2.38	12.8
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone J	2.33	2.55	9.1
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	<SRL	<SRL	
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	<SRL	<SRL	
TertButanol (TBA)	<SRL	<SRL	
Allyl Chloride	<SRL	<SRL	
Carbon Disulfide	<SRL	<SRL	
Trichlorotrifluoroethane	<SRL	<SRL	
trans-1,2-Dichloroethene	<SRL	<SRL	
1,1-Dichloroethane	<SRL	<SRL	
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	
Vinyl Acetate	<SRL	<SRL	
2-Butanone (MEK)	<SRL	<SRL	
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	<SRL	<SRL	
Chloroform	<SRL	<SRL	
Ethyl Acetate	<SRL	<SRL	
Tetrahydrofuran	<SRL	<SRL	
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	<SRL	<SRL	
Carbon Tetrachloride	<SRL	<SRL	
Cyclohexane	<SRL	<SRL	

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

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

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.

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243161

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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

Turnaround Time
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Send Report To (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS					LAB USE ONLY: Lab ID
MS-06	69203	12-23-24	1101	summa 1	X					
MS-07	69204		1227		X					
MS-08	69205		1252		X					
MS-09	69206		1303		X					
MS-10	69207		0910		X					
MS-11	69208		1040		X					
MS-12	69209		1246		X					
SCV	69210		0901		X					
Chiquito Cyn Rd	69211		1235		X					
S. End Lincoln	69212		1240		X					

LAB USE ONLY
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID
Initials
Returned Equip
Total cans:
Unused cans:
Flow Controllers:

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY Notes:

Relinquished By	Date	Received By	Date
Print: Nathaniel Davalos	12-23-24	Print:	
Signature: ND	Time	Signature:	Time
Relinquished By	Date	Received By	Date 12/27/24
Print:		Print:	Time 1406
Signature:	Time	Signature:	

17K cans

243161

CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON]

Project Number
01204123.21 TASK 22

Turnaround Time
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Send Report To (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested: TO-15 EXTENDED LIST + DMS	Lab ID
MS-01	69213	12-23-24	1134	summa 1	X	
MS-02	69214		1217		X	
MS-03	69215		1109		X	
MS-04	69216		1147		X	
MS-05	69217		1124		X	
Working Face	69218		1209		X	
Reaction	69219		1155		X	

LAB USE ONLY
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature: ____ °C
Thermometer ID ____
Initials ____
Returned Cont
Total cans: 2
Unused cans:
Flow Controllers:

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By	Date	Received By	Date
Print: Nathaniel Davalos	12-23-24	Print:	
Signature: ND	Time	Signature:	Time
Relinquished By	Date	Received By	Date 12/23/24
Print:		Print:	Time 1406
Signature:	Time	Signature:	

243161

CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aaclab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003

AAC Project No.:

Client/Company Name
SCS ENGINEERS

Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [OFF]

Project Number
01204123.21 TASK 22

Turnaround Time
☐ Rush 24 h ☐ Same Day
☐ Rush 48 h ☐ 5 Days
☒ Rush 72 h ☐ Normal

Sampler Name
Print: Nathaniel Davalos
Signature: ND

Analysis Requested

Send Report To (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

Send Invoice To (Name/Email/Address)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR					LAB USE ONLY Lab ID
MS-06	69220	12-23-24	1101	tedlar 1	X					
MS-07	69221		1227		X					
MS-08	69222		1252		X					
MS-09	69223		1303		X					
MS-10	69224		0910		X					
MS-11	69225		1040		X					
MS-12	69226		1246		X					
SCV	69227		0901		X					
Chiquito Cyn Rd	69228		1235		X					
S. End Lincoln	69229		1240		X					

LAB USE ONLY
Sample Received via:
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature °C
Thermometer ID
Initials
Returned Cont.
Total cans:
Unused cans:
Flow Controllers:

Client Notes/Special Instructions:

EDD?
☐ Yes
☐ No

LAB USE ONLY
Notes:

Relinquished By	Date	Received By	Date
Print: Nathaniel Davalos	12-23-24	Print:	
Signature: ND	Time	Signature:	Time
Relinquished By	**Date**	**Received By**	**Date**
Print:		Print:	12/23/24
Signature:	Time	Signature:	Time 1406

243161

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

Analysis Requested

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR
MS-01	69230	12-23-24	1134	tedlar 1	X
MS-02	69231		1217		X
MS-03	69232		1109		X
MS-04	69233		1147		X
MS-05	69234		1124		X
Working Face	69235		1209		X
Reaction	69236		1155		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** 12-23-24 **Time**	**Received By** Print: Signature:
Relinquished By Print: Signature:	**Date** **Time**	**Received By** Print: Signature:

Date
Time

Date 12/23/24
Time 1406

ATTACHMENT B

ODOR SAMPLE DATA

Odor Samples December 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	12/2/2024	12:51	Vegetation/Dirt	12/3/2024	10:00 AM	1113	Clean
	MS-02	12/2/2024	13:47	Trash	12/3/2024	12:33 PM	884	
	MS-03	12/2/2024	12:26	Vegetation	12/3/2024	1:05 PM	1768	Stinky, Vegetation
	MS-04	12/2/2024	13:06	Dirt	12/3/2024	10:19 AM	556	Vegetative
	MS-05	12/2/2024	12:37	Vegetation	12/3/2024	12:20 PM	884	Mechanical
	Working/Active	12/2/2024	13:34	Trash	12/3/2024	12:02 PM	8409	Rubbery
	Reaction	12/2/2024	13:20	Leachate	12/3/2024	9:15 AM	11225	Offensive, Stinky
Off-Site	MS-06	12/2/2024	12:18	Vegetation	12/3/2024	10:49 AM	12:00 AM	Stinky, Rubbery
	MS-07	12/2/2024	13:58	Leachate	12/3/2024	9:00 AM	1113	Sweet, Paint, Vanilla
	MS-08	12/2/2024	14:34	Vegetation	12/3/2024	12:48 PM	1768	Stinky, Vegetation
	MS-09	12/2/2024	15:00	Vegetation	12/3/2024	11:50 AM	1768	Offensive
	MS-10	12/2/2024	11:43	Vegetation	12/3/2024	n/a	n/a	n/a
	MS-11	12/2/2024	12:02	Vegetation	12/3/2024	11:20 AM	2102	Fresh
	MS-12	12/2/2024	14:21	Vegetation	12/3/2024	10:35 AM	1403	Sweet
	SCV	12/2/2024	11:33	Vegetation/Coffee	12/3/2024	11:35 AM	884	Plastic
	Chiquito	12/2/2024	14:07	Vegetation	12/3/2024	9:45 AM	1250	Vegetative
	S End Lincoln	12/2/2024	14:14	Vegetation	12/3/2024	9:30 AM	1768	Chemically

Odor Samples December 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	12/9/2024	12:20	Vegetation	12/10/2024	11:05 AM	1113	Mechanical
	MS-02	12/9/2024	13:04	Trash	12/10/2024	11:51 AM	2332	Offensive
	MS-03	12/9/2024	11:56	Vegetation	12/10/2024	11:20 AM	1768	Mechanical
	MS-04	12/9/2024	12:34	Vegetation	12/10/2024	11:38 AM	2102	Stinky, Vegetation
	MS-05	12/9/2024	12:08	Trash	12/10/2024	1:05 PM	1768	Vegetation
	Working/Active	12/9/2024	12:54	Trash	12/10/2024	10:40 AM	1403	Mechanical, Rubber
	Reaction	12/9/2024	12:42	Leachate	12/10/2024	9:50 AM	7071	Trash, Putrid
Off-Site	MS-06	12/9/2024	11:48	Vegetation	12/10/2024	9:00 AM	12:00 AM	Vegetation
	MS-07	12/9/2024	13:15	Trash	12/10/2024	12:25 PM	1768	Clean
	MS-08	12/9/2024	13:47	Vegetation, trash	12/10/2024	10:25 AM	1768	Sweet
	MS-09	12/9/2024	13:59	Vegetation	12/10/2024	12:51 PM	1113	Clean
	MS-10	12/9/2024	11:09	Vegetation	12/10/2024	9:15 AM	BDL = 156	Rubber, Plastic
	MS-11	12/9/2024	11:27	Vegetation	12/10/2024	n/a	n/a	n/a
	MS-12	12/9/2024	13:40	Vegetation	12/10/2024	10:10 AM	2560	Rotten, vegetation
	SCV	12/9/2024	11:01	Vegetation	12/10/2024	12:04 PM	743	Stinky, Vegetation
	Chiquito	12/9/2024	13:24	Leachate	12/10/2024	12:34 PM	884	
	S End Lincoln	12/9/2024	13:32	Vegetation	12/10/2024	9:35 AM	1166	Paint, OK

Odor Samples December 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	12/16/2024	13:48	leachate	12/17/2024	9:25 AM	1339	Vegetation
	MS-02	12/16/2024	14:18	cinnamon	12/17/2024	12:45 PM	1539	Vegetation, Dirt
	MS-03	12/16/2024	13:28	vegetation	12/17/2024	12:30 PM	1250	
	MS-04	12/16/2024	13:59	leachate	12/17/2024	12:15 PM	884	Rubber
	MS-05	12/16/2024	13:38	trash	12/17/2024	9:40 AM	884	Rotten, Putrid
	Working/Active	12/16/2024	14:28	trash	12/17/2024	10:18 AM	669	Fresh, Pleasant
	Reaction	12/16/2024	14:07	leachate	12/17/2024	11:20 AM	5000	Fresh, Sweet
Off-Site	MS-06	12/16/2024	13:04	dirt	12/17/2024	10:50 AM	12:00 AM	Foul, Vegetation, Compost
	MS-07	12/16/2024	14:38	vegetation	12/17/2024	11:50 AM	1051	Vegetation
	MS-08	12/16/2024	15:06	vegetation	12/17/2024	9:55 AM	1339	Donut, Oil, Cereal
	MS-09	12/16/2024	15:14	vegetation	12/17/2024	9:00 AM	625	Stale, Plastic
	MS-10	12/16/2024	12:25	vegetation	12/17/2024	11:36 AM	1768	Offensive, Rotten
	MS-11	12/16/2024	12:39	vegetation	12/17/2024	1:10 PM	884	Vegetation, Dirt
	MS-12	12/16/2024	15:01	dirt	12/17/2024	12:56 PM	1403	Fresh, Clean
	SCV	12/16/2024	12:16	vegetation	12/17/2024	9:10 AM	583	Vegetative, Chemically
	Chiquito	12/16/2024	14:48	vegetation	12/17/2024	10:35 AM	1539	Vegetative, Naturally Offensive
	S End Lincoln	12/16/2024	14:56	vegetation	12/17/2024	12:02 PM	1339	Vegetative

Odor Samples December 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	12/23/2024	11:34	vegetation	12/24/2024	10:55 AM	1402	Offensive, Compost, Vegetative
	MS-02	12/23/2024	12:17	dirt	12/24/2024	11:40 AM	884	Vegetation
	MS-03	12/23/2024	11:09	vegetation	12/24/2024	10:40 AM	525	Vegetative, Clippings
	MS-04	12/23/2024	11:47	leachate	12/24/2024	12:03 PM	1768	Fresh
	MS-05	12/23/2024	11:25	vegetation	12/24/2024	9:30 AM	1768	Mechanical
	Working/Active	12/23/2024	12:09	trash	12/24/2024	11:52 AM	884	Mildly Offensive, Compost
	Reaction	12/23/2024	11:15	leachate/gas, wet dirt smell	12/24/2024	10:05 AM	16818	Vegetation, Trash, Garlic
Off-Site	MS-06	12/23/2024	11:01	vegetation	12/24/2024	12:35 PM	12:00 AM	Stinky, Pungent
	MS-07	12/23/2024	12:27	vegetation	12/24/2024	9:50 AM	1250	Naturally Offensive
	MS-08	12/23/2024	12:52	vegetation	12/24/2024	12:14 PM	1250	Vegetation, Fresh
	MS-09	12/23/2024	13:03	cinnamon	12/24/2024	12:25 PM	2806	Innofensive, Dirt
	MS-10	12/23/2024	9:10	vegetation/burnt	12/24/2024	11:20 AM	884	
	MS-11	12/23/2024	10:40	vegetation	12/24/2024	9:15 AM	2500	Vegetative, Acidic, Garlic
	MS-12	12/23/2024	12:46	vegetation	12/24/2024	9:00 AM	2500	Sweet, Floral
	SCV	12/23/2024	9:01	vegetation/coffee	12/24/2024	11:29 AM	1113	
	Chiquito	12/23/2024	12:38	vegetation	12/24/2024	12:45 PM	1113	Dirt
	S End Lincoln	12/23/2024	12:40	food	12/24/2024	10:25 AM	1486	Sweet, Fresh, Paint

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.	: 242950
REPORT DATE	: 12/06/2024

On December 3, 2024, 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	242950-68068	646.5
MS-12	242950-68069	660.0
MS-08	242950-68070	718.5
MS-09	242950-68071	656.0
MS-10	242950-68072	747.5
MS-06	242950-68073	733.0
MS-11	242950-68074	677.0

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 16 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242950
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/03/2024
DATE REPORTED : 12/06/2024
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	242950-68068				242950-68069				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/05/2024				12/05/2024				
Can Dilution Factor	1.59				1.55				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Propene	<SRL	U	1	1.59	<SRL	U	1	1.55	1.00
Dichlorodifluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Dimethyl Ether	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Chloromethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Vinyl Chloride	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Acetaldehyde	<SRL	U	1	7.93	<SRL	U	1	7.77	5.00
Methanol	<SRL	U	1	7.93	<SRL	U	1	7.77	5.00
1,3-Butadiene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Bromomethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Chloroethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Dichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Ethanol	3.93		1	3.17	5.00		1	3.11	2.00
Vinyl Bromide	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Acrolein	<SRL	U	1	1.59	<SRL	U	1	1.55	1.00
Acetone	<SRL	U	1	3.17	3.15		1	3.11	2.00
Trichlorofluoromethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
2-Propanol (IPA)	<SRL	U	1	3.17	<SRL	U	1	3.11	2.00
Acrylonitrile	<SRL	U	1	1.59	<SRL	U	1	1.55	1.00
1,1-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.59	<SRL	U	1	1.55	1.00
TertButanol (TBA)	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Allyl Chloride	<SRL	U	1	1.59	<SRL	U	1	1.55	1.00
Carbon Disulfide	<SRL	U	1	3.17	<SRL	U	1	3.11	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,1-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Vinyl Acetate	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
2-Butanone (MEK)	<SRL	U	1	1.59	<SRL	U	1	1.55	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Hexane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Chloroform	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Ethyl Acetate	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Tetrahydrofuran	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,2-Dichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Benzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242950
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/03/2024
DATE REPORTED : 12/06/2024
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	242950-68068				242950-68069				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/05/2024				12/05/2024				
Can Dilution Factor	1.59				1.55				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Cyclohexane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,2-Dichloropropane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Bromodichloromethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,4-Dioxane	<SRL	U	1	1.59	<SRL	U	1	1.55	1.00
Trichloroethene (TCE)	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Methyl Methacrylate	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Heptane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Toluene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
2-Hexanone (MBK)	<SRL	U	1	1.59	<SRL	U	1	1.55	1.00
Dibromochloromethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,2-Dibromoethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Chlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Ethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
m & p-Xylene	<SRL	U	1	1.59	<SRL	U	1	1.55	1.00
Bromoform	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Styrene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
o-Xylene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
α-Pinene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
2-Chlorotoluene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
n-Propylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
4-Ethyltoluene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
β-Pinene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Sec-ButylBenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
n-ButylBenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Naphthalene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
Hexachlorobutadiene	<SRL	U	1	0.79	<SRL	U	1	0.78	0.50
BFB-Surrogate Std. % Recovery		94%				93%			70-130%

U - Compound was not detected at or above the SRL.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242950
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/03/2024
DATE REPORTED : 12/06/2024
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	242950-68070				242950-68071				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/05/2024				12/05/2024				
Can Dilution Factor	1.43				1.56				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.56	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Dimethyl Ether	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Acetaldehyde	<SRL	U	1	7.13	<SRL	U	1	7.80	5.00
Methanol	<SRL	U	1	7.13	<SRL	U	1	7.80	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Ethanol	<SRL	U	1	2.85	<SRL	U	1	3.12	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Acrolein	<SRL	U	1	1.43	<SRL	U	1	1.56	1.00
Acetone	<SRL	U	1	2.85	5.86		1	3.12	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	3.12	2.00
Acrylonitrile	<SRL	U	1	1.43	<SRL	U	1	1.56	1.00
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.56	1.00
TertButanol (TBA)	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.56	1.00
Carbon Disulfide	<SRL	U	1	2.85	<SRL	U	1	3.12	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.56	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242950
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/03/2024
DATE REPORTED : 12/06/2024
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	242950-68070				242950-68071				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/05/2024				12/05/2024				
Can Dilution Factor	1.43				1.56				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.56	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Methyl Methacrylate	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.56	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.56	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
α-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
2-Chlorotoluene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
n-Propylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
β-Pinene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Sec-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
n-ButylBenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Naphthalene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.78	0.50
BFB-Surrogate Std. % Recovery		96%				94%			70-130%

U - Compound was not detected at or above the SRL.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242950
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/03/2024
DATE REPORTED : 12/06/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-10			Sample Reporting Limit (SRL)	MS-06			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	242950-68072				242950-68073				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/05/2024				12/05/2024				
Can Dilution Factor	1.36				1.40				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Propene	<SRL	U	1	1.36	<SRL	U	1	1.40	1.00
Dichlorodifluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Dimethyl Ether	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Chloromethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Vinyl Chloride	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Acetaldehyde	<SRL	U	1	6.82	<SRL	U	1	7.00	5.00
Methanol	<SRL	U	1	6.82	<SRL	U	1	7.00	5.00
1,3-Butadiene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Bromomethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Chloroethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Dichlorofluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Ethanol	4.78		1	2.73	<SRL	U	1	2.80	2.00
Vinyl Bromide	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Acrolein	<SRL	U	1	1.36	<SRL	U	1	1.40	1.00
Acetone	5.10		1	2.73	4.42		1	2.80	2.00
Trichlorofluoromethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.73	<SRL	U	1	2.80	2.00
Acrylonitrile	<SRL	U	1	1.36	<SRL	U	1	1.40	1.00
1,1-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.36	<SRL	U	1	1.40	1.00
TertButanol (TBA)	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Allyl Chloride	<SRL	U	1	1.36	<SRL	U	1	1.40	1.00
Carbon Disulfide	<SRL	U	1	2.73	<SRL	U	1	2.80	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,1-Dichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Vinyl Acetate	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
2-Butanone (MEK)	<SRL	U	1	1.36	<SRL	U	1	1.40	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Hexane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Chloroform	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Ethyl Acetate	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Tetrahydrofuran	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,2-Dichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Benzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242950
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/03/2024
DATE REPORTED : 12/06/2024
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	242950-68072				242950-68073				
Date Sampled	12/02/2024				12/02/2024				
Date Analyzed	12/05/2024				12/05/2024				
Can Dilution Factor	1.36				1.40				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Cyclohexane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,2-Dichloropropane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Bromodichloromethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,4-Dioxane	<SRL	U	1	1.36	<SRL	U	1	1.40	1.00
Trichloroethene (TCE)	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Methyl Methacrylate	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Heptane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Toluene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
2-Hexanone (MBK)	<SRL	U	1	1.36	<SRL	U	1	1.40	1.00
Dibromochloromethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,2-Dibromoethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Chlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Ethylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
m & p-Xylene	<SRL	U	1	1.36	<SRL	U	1	1.40	1.00
Bromoform	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Styrene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
o-Xylene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
α-Pinene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
2-Chlorotoluene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
n-Propylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
4-Ethyltoluene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
β-Pinene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Sec-ButylBenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
n-ButylBenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Naphthalene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
Hexachlorobutadiene	<SRL	U	1	0.68	<SRL	U	1	0.70	0.50
BFB-Surrogate Std. % Recovery		99%				93%			70-130%

U - Compound was not detected at or above the SRL.

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242950
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/03/2024
DATE REPORTED : 12/06/2024
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	242950-68074				
Date Sampled	12/02/2024				
Date Analyzed	12/05/2024				
Can Dilution Factor	1.51				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.76	0.50
Propene	<SRL	U	1	1.51	1.00
Dichlorodifluoromethane	<SRL	U	1	0.76	0.50
Dimethyl Ether	<SRL	U	1	0.76	0.50
Chloromethane	<SRL	U	1	0.76	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.76	0.50
Vinyl Chloride	<SRL	U	1	0.76	0.50
Acetaldehyde	<SRL	U	1	7.56	5.00
Methanol	<SRL	U	1	7.56	5.00
1,3-Butadiene	<SRL	U	1	0.76	0.50
Bromomethane	<SRL	U	1	0.76	0.50
Chloroethane	<SRL	U	1	0.76	0.50
Dichlorofluoromethane	<SRL	U	1	0.76	0.50
Ethanol	<SRL	U	1	3.02	2.00
Vinyl Bromide	<SRL	U	1	0.76	0.50
Acrolein	<SRL	U	1	1.51	1.00
Acetone	<SRL	U	1	3.02	2.00
Trichlorofluoromethane	<SRL	U	1	0.76	0.50
2-Propanol (IPA)	<SRL	U	1	3.02	2.00
Acrylonitrile	<SRL	U	1	1.51	1.00
1,1-Dichloroethene	<SRL	U	1	0.76	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.51	1.00
TertButanol (TBA)	<SRL	U	1	0.76	0.50
Allyl Chloride	<SRL	U	1	1.51	1.00
Carbon Disulfide	<SRL	U	1	3.02	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.76	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.76	0.50
1,1-Dichloroethane	<SRL	U	1	0.76	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.76	0.50
Vinyl Acetate	<SRL	U	1	0.76	0.50
2-Butanone (MEK)	<SRL	U	1	1.51	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.76	0.50
Hexane	<SRL	U	1	0.76	0.50
Chloroform	<SRL	U	1	0.76	0.50
Ethyl Acetate	<SRL	U	1	0.76	0.50
Tetrahydrofuran	<SRL	U	1	0.76	0.50
1,2-Dichloroethane	<SRL	U	1	0.76	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.76	0.50
Benzene	<SRL	U	1	0.76	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 242950
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/03/2024
DATE REPORTED : 12/06/2024
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	242950-68074				
Date Sampled	12/02/2024				
Date Analyzed	12/05/2024				
Can Dilution Factor	1.51				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.76	0.50
Cyclohexane	<SRL	U	1	0.76	0.50
1,2-Dichloropropane	<SRL	U	1	0.76	0.50
Bromodichloromethane	<SRL	U	1	0.76	0.50
1,4-Dioxane	<SRL	U	1	1.51	1.00
Trichloroethene (TCE)	<SRL	U	1	0.76	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.76	0.50
Methyl Methacrylate	<SRL	U	1	0.76	0.50
Heptane	<SRL	U	1	0.76	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.76	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.76	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.76	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.76	0.50
Toluene	<SRL	U	1	0.76	0.50
2-Hexanone (MBK)	<SRL	U	1	1.51	1.00
Dibromochloromethane	<SRL	U	1	0.76	0.50
1,2-Dibromoethane	<SRL	U	1	0.76	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.76	0.50
Chlorobenzene	<SRL	U	1	0.76	0.50
Ethylbenzene	<SRL	U	1	0.76	0.50
m & p-Xylene	<SRL	U	1	1.51	1.00
Bromoform	<SRL	U	1	0.76	0.50
Styrene	<SRL	U	1	0.76	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.76	0.50
o-Xylene	<SRL	U	1	0.76	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.76	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.76	0.50
α-Pinene	<SRL	U	1	0.76	0.50
2-Chlorotoluene	<SRL	U	1	0.76	0.50
n-Propylbenzene	<SRL	U	1	0.76	0.50
4-Ethyltoluene	<SRL	U	1	0.76	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.76	0.50
β-Pinene	<SRL	U	1	0.76	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.76	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.76	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.76	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.76	0.50
Sec-ButylBenzene	<SRL	U	1	0.76	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.76	0.50
n-ButylBenzene	<SRL	U	1	0.76	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.76	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.76	0.50
Naphthalene	<SRL	U	1	0.76	0.50
Hexachlorobutadiene	<SRL	U	1	0.76	0.50
BFB-Surrogate Std. % Recovery		96%			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 : 242950
MATRIX : AIR

DATE RECEIVED : 12/03/2024
DATE REPORTED : 12/06/2024
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	242950-68068	12/02/2024	12/05/2024	0.40	1.59	1.0	0.79	0.5	94%
MS-12	242950-68069	12/02/2024	12/05/2024	2.30	1.55	1.0	0.78	0.5	93%
MS-08	242950-68070	12/02/2024	12/05/2024	<SRL	1.43	1.0	0.71	0.5	96%
MS-09	242950-68071	12/02/2024	12/05/2024	<SRL	1.56	1.0	0.78	0.5	94%
MS-10	242950-68072	12/02/2024	12/05/2024	0.34	1.36	1.0	0.68	0.5	99%
MS-06	242950-68073	12/02/2024	12/05/2024	<SRL	1.40	1.0	0.70	0.5	93%
MS-11	242950-68074	12/02/2024	12/05/2024	<SRL	1.51	1.0	0.76	0.5	96%

* 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 : 12/05/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	9.55	102
Chlorodifluoromethane	10.20	9.79	96
Propene	10.70	9.74	91
Dichlorodifluoromethane	10.40	10.22	98
Dimethyl Ether	10.10	9.55	95
Chloromethane	10.50	9.22	88
Dichlorotetrafluoroethane	10.20	9.77	96
Vinyl Chloride	10.60	10.36	98
Acetaldehyde	20.90	20.08	96
Methanol	20.40	20.67	101
1,3-Butadiene	10.70	10.64	99
Bromomethane	10.40	10.34	99
Chloroethane	10.40	9.21	89
Dichlorofluoromethane	10.10	10.23	101
Ethanol	11.40	10.77	94
Vinyl Bromide	10.10	9.92	98
Acrolein	10.90	10.55	97
Acetone	10.60	10.54	99
Trichlorofluoromethane	10.50	10.34	98
2-Propanol (IPA)	11.00	10.41	95
Acrylonitrile	11.10	10.12	91
1,1-Dichloroethene	10.50	10.29	98
Methylene Chloride (DCM)	10.40	10.32	99
TertButanol (TBA)	11.20	10.58	94
Allyl Chloride	10.20	9.99	98
Carbon Disulfide	10.50	10.43	99
Trichlorotrifluoroethane	10.30	10.02	97
trans-1,2-Dichloroethene	10.80	11.19	104
1,1-Dichloroethane	10.70	10.53	98
Methyl Tert Butyl Ether (MTBE)	10.70	10.88	102
Vinyl Acetate	11.00	9.84	89
2-Butanone (MEK)	10.70	10.66	100
cis-1,2-Dichloroethene	10.70	10.65	100
Hexane	10.80	10.14	94
Chloroform	10.70	10.83	101
Ethyl Acetate	10.70	10.40	97
Tetrahydrofuran	10.40	10.12	97
1,2-Dichloroethane	10.60	10.98	104
1,1,1-Trichloroethane	10.50	10.50	100
Benzene	10.70	10.72	100
Carbon Tetrachloride	10.30	10.54	102
Cyclohexane	10.50	10.12	96

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	10.99	103
Bromodichloromethane	10.50	10.49	100
1,4-Dioxane	10.50	10.33	98
Trichloroethene (TCE)	10.50	10.66	102
2,2,4-Trimethylpentane	10.10	9.98	99
Methyl Methacrylate	11.00	10.50	95
Heptane	10.50	10.68	102
cis-1,3-Dichloropropene	10.50	10.94	104
4-Methyl-2-pentanone (MiBK)	10.50	10.39	99
trans-1,3-Dichloropropene	10.60	10.75	101
1,1,2-Trichloroethane	10.60	9.49	90
Toluene	10.80	10.92	101
2-Hexanone (MBK)	10.50	10.41	99
Dibromochloromethane	10.60	10.64	100
1,2-Dibromoethane	10.60	10.94	103
Tetrachloroethene (PCE)	10.50	10.74	102
Chlorobenzene	10.80	10.80	100
Ethylbenzene	10.60	10.87	103
m & p-Xylene	21.20	21.23	100
Bromoform	10.60	10.53	99
Styrene	10.60	10.91	103
1,1,2,2-Tetrachloroethane	10.60	10.32	97
o-Xylene	10.60	10.72	101
1,2,3-Trichloropropane	11.00	11.33	103
Isopropylbenzene (Cumene)	10.40	10.37	100
α-Pinene	10.80	10.45	97
2-Chlorotoluene	10.30	10.29	100
n-Propylbenzene	10.10	10.11	100
4-Ethyltoluene	10.40	10.21	98
1,3,5-Trimethylbenzene	10.30	10.18	99
β-Pinene	10.90	10.26	94
1,2,4-Trimethylbenzene	10.30	10.05	98
Benzyl Chloride (a-Chlorotoluene)	10.30	10.45	101
1,3-Dichlorobenzene	10.30	11.53	112
1,4-Dichlorobenzene	10.20	10.66	105
Sec-ButylBenzene	10.00	9.82	98
1,2-Dichlorobenzene	10.40	10.45	100
n-ButylBenzene	10.20	10.15	100
1,2-Dibromo-3-Chloropropane	10.10	10.23	101
1,2,4-Trichlorobenzene	10.50	11.21	107
Naphthalene	10.90	11.93	109
Hexachlorobutadiene	10.80	10.51	97

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 12/05/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.40	9.55	9.54	102	101	0.1
1,1-Dichloroethene	0.0	10.50	10.29	10.04	98	96	2.5
Methylene Chloride (DCM)	0.0	10.40	10.32	9.68	99	93	6.4
Benzene	0.0	10.70	10.72	10.64	100	99	0.7
Trichloroethene (TCE)	0.0	10.50	10.66	10.15	102	97	4.9
Toluene	0.0	10.80	10.92	10.35	101	96	5.4
Tetrachloroethene (PCE)	0.0	10.50	10.74	9.92	102	94	7.9
Chlorobenzene	0.0	10.80	10.80	10.21	100	95	5.6
Ethylbenzene	0.0	10.60	10.87	10.47	103	99	3.7
m & p-Xylene	0.0	21.20	21.23	20.60	100	97	3.0
o-Xylene	0.0	10.60	10.72	10.35	101	98	3.5

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 12/05/2024 | **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 120524*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	100%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	*MB 120524*	*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 : 12/05/2024
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: 242950-68068

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	8.85	9.05	2.2
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	3.93	4.17	5.9
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone J	3.12	2.96	5.2
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	<SRL	<SRL	
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	<SRL	<SRL	
TertButanol (TBA)	<SRL	<SRL	
Allyl Chloride	<SRL	<SRL	
Carbon Disulfide	<SRL	<SRL	
Trichlorotrifluoroethane	<SRL	<SRL	
trans-1,2-Dichloroethene	<SRL	<SRL	
1,1-Dichloroethane	<SRL	<SRL	
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	
Vinyl Acetate	<SRL	<SRL	
2-Butanone (MEK)	<SRL	<SRL	
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	<SRL	<SRL	
Chloroform	<SRL	<SRL	
Ethyl Acetate	<SRL	<SRL	
Tetrahydrofuran	<SRL	<SRL	
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	<SRL	<SRL	
Carbon Tetrachloride	<SRL	<SRL	
Cyclohexane	<SRL	<SRL	

Analyte Compounds (Continued)	*Sample*	*Duplicate*	*RPD*[2]
1,2-Dichloropropane	<SRL	<SRL	
Bromodichloromethane	<SRL	<SRL	
1,4-Dioxane	<SRL	<SRL	
Trichloroethene (TCE)	<SRL	<SRL	
2,2,4-Trimethylpentane	<SRL	<SRL	
Methyl Methacrylate	<SRL	<SRL	
Heptane	<SRL	<SRL	
cis-1,3-Dichloropropene	<SRL	<SRL	
4-Methyl-2-pentanone (MiBK)	<SRL	<SRL	
trans-1,3-Dichloropropene	<SRL	<SRL	
1,1,2-Trichloroethane	<SRL	<SRL	
Toluene	<SRL	<SRL	
2-Hexanone (MBK)	<SRL	<SRL	
Dibromochloromethane	<SRL	<SRL	
1,2-Dibromoethane	<SRL	<SRL	
Tetrachloroethene (PCE)	<SRL	<SRL	
Chlorobenzene	<SRL	<SRL	
Ethylbenzene	<SRL	<SRL	
m & p-Xylene	<SRL	<SRL	
Bromoform	<SRL	<SRL	
Styrene	<SRL	<SRL	
1,1,2,2-Tetrachloroethane	<SRL	<SRL	
o-Xylene	<SRL	<SRL	
1,2,3-Trichloropropane	<SRL	<SRL	
Isopropylbenzene (Cumene)	<SRL	<SRL	
α-Pinene	<SRL	<SRL	
2-Chlorotoluene	<SRL	<SRL	
n-Propylbenzene	<SRL	<SRL	
4-Ethyltoluene	<SRL	<SRL	
1,3,5-Trimethylbenzene	<SRL	<SRL	
β-Pinene	<SRL	<SRL	
1,2,4-Trimethylbenzene	<SRL	<SRL	
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	
1,3-Dichlorobenzene	<SRL	<SRL	
1,4-Dichlorobenzene	<SRL	<SRL	
Sec-ButylBenzene	<SRL	<SRL	
1,2-Dichlorobenzene	<SRL	<SRL	
n-ButylBenzene	<SRL	<SRL	
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	
1,2,4-Trichlorobenzene	<SRL	<SRL	
Naphthalene	<SRL	<SRL	
Hexachlorobutadiene	<SRL	<SRL	

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.

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CHAIN OF CUSTODY RECORD 242950

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	12-2/3-24	0650-0708	68068	6L Summa Canister	x	x			-3 HG	002055 / 05097
MS-12	12-2/3-24	0700-0718	68069	6L Summa Canister	x	x			-4 HG	002114 / 17587
MS-08	12-2/3-24	0710-0731	68070	6L Summa Canister	x	x			-1 HG	001930 / 19505
MS-09	12-2/3-24	0720-0744	68071	6L Summa Canister	x	x			-4 HG	001990 / 19504
MS-10	12-2/3-24	0735-0805	68072	6L Summa Canister	x	x			-3 HG	002062 / 19510
MS-06	12-2/3-24	0750-0823	68073	6L Summa Canister	x	x			-5 HG	001934 / 02316
MS-11	12-2/3-24	0815-0853	68074	6L Summa Canister	x	x			0 HG	001943 / 19511

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-3-24	1000			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/3/24	0957
Sample Disposal Method:			**Disposed of by: (Signature)**	**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC Ventura

D10 – 7x cans + 7x coated Entechs

CHAIN OF CUSTODY RECORD 242950

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	12-2/3-24	0650-0708	68075	10 Liter Bag	X					
MS-12	12-2/3-24	0700-0718	68076	10 Liter Bag	X					
MS-08	12-2/3-24	0710-0731	68077	10 Liter Bag	X					
MS-09	12-2/3-24	0720-0744	68078	10 Liter Bag	X					
MS-10	12-2/3-24	0735-0805	68079	10 Liter Bag	X					
MS-06	12-2/3-24	0750-0823	68080	10 Liter Bag	X					
MS-11	12-2/3-24	0815-0853	68081	10 Liter Bag	X					

Relinquished by: (Signature)	**Date** 12-3-24	**Time** 1000	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date** 12/3/24	**Time** 0957
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. : 242950
REPORT DATE : 12/05/2024

On December 3rd 2024, 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	242950-68068	646.5	MS-07	242950-68075
MS-12	242950-68069	660.0	MS-12	242950-68076
MS-08	242950-68070	718.5	MS-08	242950-68077
MS-09	242950-68071	656.0	MS-09	242950-68078
MS-10	242950-68072	747.5	MS-10	242950-68079
MS-06	242950-68073	733.0	MS-06	242950-68080
MS-11	242950-68074	677.0	MS-11	242950-68081

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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242950
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/02-03/2024
RECEIVING DATE : 12/03/2024
ANALYSIS DATE : 12/04/2024
REPORT DATE : 12/05/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242950-68068	242950-68069	242950-68070	242950-68071
Canister Dil. Fac.	1.59	1.55	1.43	1.56
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.008	< 0.007	< 0.008
COS / SO2	< 0.008	< 0.008	< 0.007	< 0.008
Methyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Ethyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Dimethyl Sulfide	< 0.008	< 0.008	< 0.007	< 0.008
Carbon Disulfide	< 0.008	< 0.008	< 0.007	< 0.008
Isopropyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
tert-Butyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
n-Propyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Methylethylsulfide	< 0.008	< 0.008	< 0.007	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.008	< 0.007	< 0.008
iso-Butyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Diethyl Sulfide	< 0.008	< 0.008	< 0.007	< 0.008
n-Butyl Mercaptan	< 0.008	< 0.008	< 0.007	< 0.008
Dimethyl Disulfide	< 0.008	< 0.008	< 0.007	< 0.008
2-Methylthiophene	< 0.008	< 0.008	< 0.007	< 0.008
3-Methylthiophene	< 0.008	< 0.008	< 0.007	< 0.008
Tetrahydrothiophene	< 0.008	< 0.008	< 0.007	< 0.008
Bromothiophene	< 0.008	< 0.008	< 0.007	< 0.008
Thiophenol	< 0.008	< 0.008	< 0.007	< 0.008
Diethyl Disulfide	< 0.008	< 0.008	< 0.007	< 0.008
Total Unidentified Sulfur	< 0.008	< 0.008	< 0.007	< 0.008
Total Reduced Sulfurs	< 0.008	< 0.008	< 0.007	< 0.008

All unidentified compound's concentrations expressed in terms of H_2S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242950
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/02-03/2024
RECEIVING DATE : 12/03/2024
ANALYSIS DATE : 12/04/2024
REPORT DATE : 12/05/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242950-68072	242950-68073	242950-68074
Canister Dil. Fac.	1.36	1.40	1.51
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.007	< 0.007	< 0.008
COS / SO2	< 0.007	< 0.007	< 0.008
Methyl Mercaptan	< 0.007	< 0.007	< 0.008
Ethyl Mercaptan	< 0.007	< 0.007	< 0.008
Dimethyl Sulfide	< 0.007	< 0.007	< 0.008
Carbon Disulfide	< 0.007	< 0.007	< 0.008
Isopropyl Mercaptan	< 0.007	< 0.007	< 0.008
tert-Butyl Mercaptan	< 0.007	< 0.007	< 0.008
n-Propyl Mercaptan	< 0.007	< 0.007	< 0.008
Methylethylsulfide	< 0.007	< 0.007	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.007	< 0.007	< 0.008
iso-Butyl Mercaptan	< 0.007	< 0.007	< 0.008
Diethyl Sulfide	< 0.007	< 0.007	< 0.008
n-Butyl Mercaptan	< 0.007	< 0.007	< 0.008
Dimethyl Disulfide	< 0.007	< 0.007	< 0.008
2-Methylthiophene	< 0.007	< 0.007	< 0.008
3-Methylthiophene	< 0.007	< 0.007	< 0.008
Tetrahydrothiophene	< 0.007	< 0.007	< 0.008
Bromothiophene	< 0.007	< 0.007	< 0.008
Thiophenol	< 0.007	< 0.007	< 0.008
Diethyl Disulfide	< 0.007	< 0.007	< 0.008
Total Unidentified Sulfur	< 0.007	< 0.007	< 0.008
Total Reduced Sulfurs	< 0.007	< 0.007	< 0.008

All unidentified compound's concentrations expressed in terms of H_2S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 242950
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/02-03/2024
RECEIVING DATE : 12/03/2024
ANALYSIS DATE : 12/03/2024
REPORT DATE : 12/05/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	242950-68075	242950-68076	242950-68077	242950-68078
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. : 242950
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/02-03/2024
RECEIVING DATE : 12/03/2024
ANALYSIS DATE : 12/03/2024
REPORT DATE : 12/05/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	242950-68079	242950-68080	242950-68081
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: 12/3/2024
Analyst: NR/DM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 09/13/2024

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6980	0.491	96.0	0.1
Duplicate	6913	0.486	95.1	0.8
Triplicate	7024	0.494	96.6	0.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5782	0.482	96.1	3.1
Duplicate	6037	0.504	100.3	1.2
Triplicate	6081	0.507	101.0	1.9

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8389	0.490	98.5	2.3
Duplicate	8607	0.502	101.1	0.2
Triplicate	8769	0.512	103.0	2.1

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242940-68040**

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 242940-68040 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.261	0.245	102.2	95.9	6.3
MeSH	<PQL	0.251	0.241	0.244	96.0	97.2	1.2
DMS	<PQL	0.249	0.242	0.245	97.4	98.6	1.2

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.530	103.7
MeSH	0.502	0.523	104.2
DMS	0.497	0.535	107.6

Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, * Must be < 5% RPD from Mean result.***

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/4/2024
Analyst: NR/DM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 09/13/2024

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7045	0.495	96.9	2.1
Duplicate	7225	0.508	99.4	0.4
Triplicate	7316	0.514	100.6	1.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6105	0.509	101.4	0.3
Duplicate	6096	0.508	101.3	0.5
Triplicate	6171	0.515	102.5	0.8

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8421	0.492	98.9	2.0
Duplicate	8733	0.510	102.6	1.6
Triplicate	8633	0.504	101.4	0.4

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.246	0.256	96.3	100.2	4.0
MeSH	<PQL	0.251	0.258	0.267	102.8	106.4	3.4
DMS	<PQL	0.249	0.271	0.260	109.1	104.6	4.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.504	98.6
MeSH	0.502	0.501	99.8
DMS	0.497	0.528	106.2

Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, * Must be < 5% RPD from Mean result.***

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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CHAIN OF CUSTODY RECORD 242950

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	12-2/3-24	0650-0708	68068	6L Summa Canister	x	x			-3 HG	002055 / 05097
MS-12	12-2/3-24	0700-0718	68069	6L Summa Canister	x	x			-4 HG	002114 / 17587
MS-08	12-2/3-24	0710-0731	68070	6L Summa Canister	x	x			-1 HG	001930 / 19505
MS-09	12-2/3-24	0720-0744	68071	6L Summa Canister	x	x			-4 HG	001990 / 19504
MS-10	12-2/3-24	0735-0805	68072	6L Summa Canister	x	x			-3 HG	002062 / 19510
MS-06	12-2/3-24	0750-0823	68073	6L Summa Canister	x	x			-5 HG	001934 / 02316
MS-11	12-2/3-24	0815-0853	68074	6L Summa Canister	x	x			0 HG	001943 / 19511

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-3-24	1000			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/3/24	0957
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 242950

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	12-2/3-24	0650-0708	68075	10 Liter Bag	X					
MS-12	12-2/3-24	0700-0718	68076	10 Liter Bag	X					
MS-08	12-2/3-24	0710-0731	68077	10 Liter Bag	X					
MS-09	12-2/3-24	0720-0744	68078	10 Liter Bag	X					
MS-10	12-2/3-24	0735-0805	68079	10 Liter Bag	X					
MS-06	12-2/3-24	0750-0823	68080	10 Liter Bag	X					
MS-11	12-2/3-24	0815-0853	68081	10 Liter Bag	X					

	Date	Time		Date	Time
Relinquished by: (Signature)	12-3-24	1000	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	12/3/24	0957
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.	: 243020
REPORT DATE	: 12/13/2024

On December 10, 2024, 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-12	243020-68473	399.0
MS-08	243020-68474	676.0
MS-09	243020-68475	558.0
MS-10	243020-68476	574.5
MS-06	243020-68479	623.0

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 14 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243020
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/10/2024
DATE REPORTED : 12/13/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-12			Sample Reporting Limit (SRL)	MS-08			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	243020-68473				243020-68474				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/11/2024				12/11/2024				
Can Dilution Factor	2.55				1.50				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Propene	<SRL	U	1	2.55	<SRL	U	1	1.50	1.00
Dichlorodifluoromethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Dimethyl Ether	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Chloromethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Dichlorotetrafluoroethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Vinyl Chloride	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Acetaldehyde	<SRL	U	1	12.8	<SRL	U	1	7.52	5.00
Methanol	<SRL	U	1	12.8	<SRL	U	1	7.52	5.00
1,3-Butadiene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Bromomethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Chloroethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Dichlorofluoromethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Ethanol	<SRL	U	1	5.10	<SRL	U	1	3.01	2.00
Vinyl Bromide	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Acrolein	<SRL	U	1	2.55	<SRL	U	1	1.50	1.00
Acetone	<SRL	U	1	5.10	<SRL	U	1	3.01	2.00
Trichlorofluoromethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
2-Propanol (IPA)	<SRL	U	1	5.10	<SRL	U	1	3.01	2.00
Acrylonitrile	<SRL	U	1	2.55	<SRL	U	1	1.50	1.00
1,1-Dichloroethene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Methylene Chloride (DCM)	<SRL	U	1	2.55	<SRL	U	1	1.50	1.00
TertButanol (TBA)	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Allyl Chloride	<SRL	U	1	2.55	<SRL	U	1	1.50	1.00
Carbon Disulfide	<SRL	U	1	5.10	<SRL	U	1	3.01	2.00
Trichlorotrifluoroethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
trans-1,2-Dichloroethene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,1-Dichloroethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Vinyl Acetate	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
2-Butanone (MEK)	<SRL	U	1	2.55	<SRL	U	1	1.50	1.00
cis-1,2-Dichloroethene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Hexane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Chloroform	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Ethyl Acetate	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Tetrahydrofuran	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,2-Dichloroethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,1,1-Trichloroethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Benzene	<SRL	U	1	1.28	<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 : 243020
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/10/2024
DATE REPORTED : 12/13/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-12			Sample Reporting Limit (SRL) (MRLxDF's)	MS-08			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	243020-68473				243020-68474				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/11/2024				12/11/2024				
Can Dilution Factor	2.55				1.50				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Cyclohexane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,2-Dichloropropane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Bromodichloromethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,4-Dioxane	<SRL	U	1	2.55	<SRL	U	1	1.50	1.00
Trichloroethene (TCE)	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
2,2,4-Trimethylpentane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Methyl Methacrylate	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Heptane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
cis-1,3-Dichloropropene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
trans-1,3-Dichloropropene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,1,2-Trichloroethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Toluene	<SRL	U	1	1.28	0.89		1	0.75	0.50
2-Hexanone (MBK)	<SRL	U	1	2.55	<SRL	U	1	1.50	1.00
Dibromochloromethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,2-Dibromoethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Tetrachloroethene (PCE)	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Chlorobenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Ethylbenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
m & p-Xylene	<SRL	U	1	2.55	<SRL	U	1	1.50	1.00
Bromoform	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Styrene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
o-Xylene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,2,3-Trichloropropane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
α-Pinene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
2-Chlorotoluene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
n-Propylbenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
4-Ethyltoluene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
β-Pinene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,3-Dichlorobenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,4-Dichlorobenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Sec-ButylBenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,2-Dichlorobenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
n-ButylBenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Naphthalene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
Hexachlorobutadiene	<SRL	U	1	1.28	<SRL	U	1	0.75	0.50
BFB-Surrogate Std. % Recovery		98%				99%			70-130%

U - Compound was not detected at or above the SRL.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243020
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/10/2024
DATE REPORTED : 12/13/2024
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	243020-68475				243020-68476				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/11/2024				12/11/2024				
Can Dilution Factor	1.83				1.77				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Propene	<SRL	U	1	1.83	<SRL	U	1	1.77	1.00
Dichlorodifluoromethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Dimethyl Ether	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Chloromethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Vinyl Chloride	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Acetaldehyde	<SRL	U	1	9.14	<SRL	U	1	8.87	5.00
Methanol	<SRL	U	1	9.14	<SRL	U	1	8.87	5.00
1,3-Butadiene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Bromomethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Chloroethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Dichlorofluoromethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Ethanol	13.3		1	3.66	<SRL	U	1	3.55	2.00
Vinyl Bromide	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Acrolein	<SRL	U	1	1.83	<SRL	U	1	1.77	1.00
Acetone	7.00		1	3.66	<SRL	U	1	3.55	2.00
Trichlorofluoromethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
2-Propanol (IPA)	<SRL	U	1	3.66	<SRL	U	1	3.55	2.00
Acrylonitrile	<SRL	U	1	1.83	<SRL	U	1	1.77	1.00
1,1-Dichloroethene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.83	<SRL	U	1	1.77	1.00
TertButanol (TBA)	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Allyl Chloride	<SRL	U	1	1.83	<SRL	U	1	1.77	1.00
Carbon Disulfide	<SRL	U	1	3.66	<SRL	U	1	3.55	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,1-Dichloroethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Vinyl Acetate	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
2-Butanone (MEK)	<SRL	U	1	1.83	<SRL	U	1	1.77	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Hexane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Chloroform	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Ethyl Acetate	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Tetrahydrofuran	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,2-Dichloroethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Benzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243020
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/10/2024
DATE REPORTED : 12/13/2024
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	243020-68475				243020-68476				
Date Sampled	12/09/2024				12/09/2024				
Date Analyzed	12/11/2024				12/11/2024				
Can Dilution Factor	1.83				1.77				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Cyclohexane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,2-Dichloropropane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Bromodichloromethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,4-Dioxane	<SRL	U	1	1.83	<SRL	U	1	1.77	1.00
Trichloroethene (TCE)	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Methyl Methacrylate	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Heptane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Toluene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
2-Hexanone (MBK)	<SRL	U	1	1.83	<SRL	U	1	1.77	1.00
Dibromochloromethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,2-Dibromoethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Chlorobenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Ethylbenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
m & p-Xylene	<SRL	U	1	1.83	<SRL	U	1	1.77	1.00
Bromoform	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Styrene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
o-Xylene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
α-Pinene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
2-Chlorotoluene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
n-Propylbenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
4-Ethyltoluene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
β-Pinene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Sec-ButylBenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
n-ButylBenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Naphthalene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
Hexachlorobutadiene	<SRL	U	1	0.91	<SRL	U	1	0.89	0.50
BFB-Surrogate Std. % Recovery		100%				102%			70-130%

U - Compound was not detected at or above the SRL.

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243020
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/10/2024
DATE REPORTED : 12/13/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-06			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	243020-68477				
Date Sampled	12/09/2024				
Date Analyzed	12/11/2024				
Can Dilution Factor	1.63				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.82	0.50
Propene	<SRL	U	1	1.63	1.00
Dichlorodifluoromethane	<SRL	U	1	0.82	0.50
Dimethyl Ether	<SRL	U	1	0.82	0.50
Chloromethane	<SRL	U	1	0.82	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.82	0.50
Vinyl Chloride	<SRL	U	1	0.82	0.50
Acetaldehyde	<SRL	U	1	8.17	5.00
Methanol	<SRL	U	1	8.17	5.00
1,3-Butadiene	<SRL	U	1	0.82	0.50
Bromomethane	<SRL	U	1	0.82	0.50
Chloroethane	<SRL	U	1	0.82	0.50
Dichlorofluoromethane	<SRL	U	1	0.82	0.50
Ethanol	<SRL	U	1	3.27	2.00
Vinyl Bromide	<SRL	U	1	0.82	0.50
Acrolein	<SRL	U	1	1.63	1.00
Acetone	<SRL	U	1	3.27	2.00
Trichlorofluoromethane	<SRL	U	1	0.82	0.50
2-Propanol (IPA)	<SRL	U	1	3.27	2.00
Acrylonitrile	<SRL	U	1	1.63	1.00
1,1-Dichloroethene	<SRL	U	1	0.82	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.63	1.00
TertButanol (TBA)	<SRL	U	1	0.82	0.50
Allyl Chloride	<SRL	U	1	1.63	1.00
Carbon Disulfide	<SRL	U	1	3.27	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.82	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.82	0.50
1,1-Dichloroethane	<SRL	U	1	0.82	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.82	0.50
Vinyl Acetate	<SRL	U	1	0.82	0.50
2-Butanone (MEK)	<SRL	U	1	1.63	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.82	0.50
Hexane	<SRL	U	1	0.82	0.50
Chloroform	<SRL	U	1	0.82	0.50
Ethyl Acetate	<SRL	U	1	0.82	0.50
Tetrahydrofuran	<SRL	U	1	0.82	0.50
1,2-Dichloroethane	<SRL	U	1	0.82	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.82	0.50
Benzene	<SRL	U	1	0.82	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243020
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/10/2024
DATE REPORTED : 12/13/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-06			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	243020-68477				
Date Sampled	12/09/2024				
Date Analyzed	12/11/2024				
Can Dilution Factor	1.63				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.82	0.50
Cyclohexane	<SRL	U	1	0.82	0.50
1,2-Dichloropropane	<SRL	U	1	0.82	0.50
Bromodichloromethane	<SRL	U	1	0.82	0.50
1,4-Dioxane	<SRL	U	1	1.63	1.00
Trichloroethene (TCE)	<SRL	U	1	0.82	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.82	0.50
Methyl Methacrylate	<SRL	U	1	0.82	0.50
Heptane	<SRL	U	1	0.82	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.82	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.82	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.82	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.82	0.50
Toluene	<SRL	U	1	0.82	0.50
2-Hexanone (MBK)	<SRL	U	1	1.63	1.00
Dibromochloromethane	<SRL	U	1	0.82	0.50
1,2-Dibromoethane	<SRL	U	1	0.82	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.82	0.50
Chlorobenzene	<SRL	U	1	0.82	0.50
Ethylbenzene	<SRL	U	1	0.82	0.50
m & p-Xylene	<SRL	U	1	1.63	1.00
Bromoform	<SRL	U	1	0.82	0.50
Styrene	<SRL	U	1	0.82	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.82	0.50
o-Xylene	<SRL	U	1	0.82	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.82	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.82	0.50
α-Pinene	<SRL	U	1	0.82	0.50
2-Chlorotoluene	<SRL	U	1	0.82	0.50
n-Propylbenzene	<SRL	U	1	0.82	0.50
4-Ethyltoluene	<SRL	U	1	0.82	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.82	0.50
β-Pinene	<SRL	U	1	0.82	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.82	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.82	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.82	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.82	0.50
Sec-ButylBenzene	<SRL	U	1	0.82	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.82	0.50
n-ButylBenzene	<SRL	U	1	0.82	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.82	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.82	0.50
Naphthalene	<SRL	U	1	0.82	0.50
Hexachlorobutadiene	<SRL	U	1	0.82	0.50
BFB-Surrogate Std. % Recovery		100%			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 : 243020
MATRIX : AIR

DATE RECEIVED : 12/10/2024
DATE REPORTED : 12/13/2024
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Canister Dilution Factor	Analysis Dilution Factor	Sample RL (RL x DF's) ppb (v/v)	Method RL ppb (v/v)	BFB-Surrogate Std. % Recovery*
MS-12	243020-68473	12/09/2024	12/11/2024	<SRL	2.55	1.0	1.28	0.5	102%
MS-08	243020-68474	12/09/2024	12/11/2024	0.39	1.50	1.0	0.75	0.5	98%
MS-09	243020-68475	12/09/2024	12/11/2024	<SRL	1.83	1.0	0.91	0.5	99%
MS-10	243020-68476	12/09/2024	12/11/2024	<SRL	1.77	1.0	0.89	0.5	100%
MS-06	243020-68477	12/09/2024	12/11/2024	<SRL	1.63	1.0	0.82	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 : 12/11/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.40	9.67	103
Chlorodifluoromethane	10.20	9.60	94
Propene	10.70	9.47	89
Dichlorodifluoromethane	10.40	10.37	100
Dimethyl Ether	10.10	9.13	90
Chloromethane	10.50	9.11	87
Dichlorotetrafluoroethane	10.20	9.87	97
Vinyl Chloride	10.60	10.05	95
Acetaldehyde	20.90	18.73	90
Methanol	20.40	17.84	87
1,3-Butadiene	10.70	10.09	94
Bromomethane	10.40	9.92	95
Chloroethane	10.40	9.36	90
Dichlorofluoromethane	10.10	9.56	95
Ethanol	11.40	9.43	83
Vinyl Bromide	10.10	9.69	96
Acrolein	10.90	9.42	86
Acetone	10.60	9.78	92
Trichlorofluoromethane	10.50	10.39	99
2-Propanol (IPA)	11.00	9.75	89
Acrylonitrile	11.10	9.05	82
1,1-Dichloroethene	10.50	10.22	97
Methylene Chloride (DCM)	10.40	9.88	95
TertButanol (TBA)	11.20	10.44	93
Allyl Chloride	10.20	9.83	96
Carbon Disulfide	10.50	10.45	100
Trichlorotrifluoroethane	10.30	10.18	99
trans-1,2-Dichloroethene	10.80	10.74	99
1,1-Dichloroethane	10.70	9.80	92
Methyl Tert Butyl Ether (MTBE)	10.70	10.64	99
Vinyl Acetate	11.00	9.68	88
2-Butanone (MEK)	10.70	10.26	96
cis-1,2-Dichloroethene	10.70	10.85	101
Hexane	10.80	10.48	97
Chloroform	10.70	10.83	101
Ethyl Acetate	10.70	9.79	91
Tetrahydrofuran	10.40	10.06	97
1,2-Dichloroethane	10.60	10.73	101
1,1,1-Trichloroethane	10.50	10.60	101
Benzene	10.70	10.42	97
Carbon Tetrachloride	10.30	10.23	99
Cyclohexane	10.50	9.77	93

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.70	10.34	97
Bromodichloromethane	10.50	10.39	99
1,4-Dioxane	10.50	9.88	94
Trichloroethene (TCE)	10.50	10.44	99
2,2,4-Trimethylpentane	10.10	9.33	92
Methyl Methacrylate	11.00	10.31	94
Heptane	10.50	10.17	97
cis-1,3-Dichloropropene	10.50	10.44	99
4-Methyl-2-pentanone (MiBK)	10.50	9.82	94
trans-1,3-Dichloropropene	10.60	10.39	98
1,1,2-Trichloroethane	10.60	9.52	90
Toluene	10.80	10.54	98
2-Hexanone (MBK)	10.50	9.92	94
Dibromochloromethane	10.60	10.59	100
1,2-Dibromoethane	10.60	10.52	99
Tetrachloroethene (PCE)	10.50	10.63	101
Chlorobenzene	10.80	10.46	97
Ethylbenzene	10.60	10.47	99
m & p-Xylene	21.20	20.70	98
Bromoform	10.60	10.32	97
Styrene	10.60	10.69	101
1,1,2,2-Tetrachloroethane	10.60	9.75	92
o-Xylene	10.60	10.25	97
1,2,3-Trichloropropane	11.00	10.92	99
Isopropylbenzene (Cumene)	10.40	10.19	98
α-Pinene	10.80	10.40	96
2-Chlorotoluene	10.30	10.29	100
n-Propylbenzene	10.10	10.14	100
4-Ethyltoluene	10.40	9.85	95
1,3,5-Trimethylbenzene	10.30	10.10	98
β-Pinene	10.90	8.56	79
1,2,4-Trimethylbenzene	10.30	10.01	97
Benzyl Chloride (a-Chlorotoluene)	10.30	10.03	97
1,3-Dichlorobenzene	10.30	10.76	104
1,4-Dichlorobenzene	10.20	10.47	103
Sec-ButylBenzene	10.00	9.51	95
1,2-Dichlorobenzene	10.40	10.26	99
n-ButylBenzene	10.20	9.91	97
1,2-Dibromo-3-Chloropropane	10.10	10.17	101
1,2,4-Trichlorobenzene	10.50	11.33	108
Naphthalene	10.90	11.95	110
Hexachlorobutadiene	10.80	10.20	94

[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 : 12/11/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS*[1] *Recovery*	*LCSD*[1] *Recovery*	*LCS*[1] *% Recovery*[2]	*LCSD*[1] *% Recovery*[2]	*RPD*[3]
4-BFB (surrogate standard)	0.0	9.40	9.67	9.71	103	103	0.4
1,1-Dichloroethene	0.0	10.50	10.22	9.82	97	94	4.0
Methylene Chloride (DCM)	0.0	10.40	9.88	10.11	95	97	2.3
Benzene	0.0	10.70	10.42	10.49	97	98	0.7
Trichloroethene (TCE)	0.0	10.50	10.44	10.49	99	100	0.5
Toluene	0.0	10.80	10.54	10.57	98	98	0.3
Tetrachloroethene (PCE)	0.0	10.50	10.63	10.45	101	100	1.7
Chlorobenzene	0.0	10.80	10.46	10.37	97	96	0.9
Ethylbenzene	0.0	10.60	10.47	10.26	99	97	2.0
m & p-Xylene	0.0	21.20	20.70	20.53	98	97	0.8
o-Xylene	0.0	10.60	10.25	10.31	97	97	0.6

[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 : 12/11/2024
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 121124*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	91%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	*MB 121124*	*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 : 12/11/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.83

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 243020-68475

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.41	9.34	0.7
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	13.3	13.3	0.1
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone	7.00	6.49	7.6
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	<SRL	<SRL	
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	<SRL	<SRL	
TertButanol (TBA)	<SRL	<SRL	
Allyl Chloride	<SRL	<SRL	
Carbon Disulfide	<SRL	<SRL	
Trichlorotrifluoroethane	<SRL	<SRL	
trans-1,2-Dichloroethene	<SRL	<SRL	
1,1-Dichloroethane	<SRL	<SRL	
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	
Vinyl Acetate	<SRL	<SRL	
2-Butanone (MEK)	<SRL	<SRL	
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	<SRL	<SRL	
Chloroform	<SRL	<SRL	
Ethyl Acetate	<SRL	<SRL	
Tetrahydrofuran	<SRL	<SRL	
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	<SRL	<SRL	
Carbon Tetrachloride	<SRL	<SRL	
Cyclohexane	<SRL	<SRL	

Analyte Compounds (Continued)	*Sample*	*Duplicate*	*RPD*[2]
1,2-Dichloropropane	<SRL	<SRL	
Bromodichloromethane	<SRL	<SRL	
1,4-Dioxane	<SRL	<SRL	
Trichloroethene (TCE)	<SRL	<SRL	
2,2,4-Trimethylpentane	<SRL	<SRL	
Methyl Methacrylate	<SRL	<SRL	
Heptane	<SRL	<SRL	
cis-1,3-Dichloropropene	<SRL	<SRL	
4-Methyl-2-pentanone (MiBK)	<SRL	<SRL	
trans-1,3-Dichloropropene	<SRL	<SRL	
1,1,2-Trichloroethane	<SRL	<SRL	
Toluene	<SRL	<SRL	
2-Hexanone (MBK)	<SRL	<SRL	
Dibromochloromethane	<SRL	<SRL	
1,2-Dibromoethane	<SRL	<SRL	
Tetrachloroethene (PCE)	<SRL	<SRL	
Chlorobenzene	<SRL	<SRL	
Ethylbenzene	<SRL	<SRL	
m & p-Xylene	<SRL	<SRL	
Bromoform	<SRL	<SRL	
Styrene	<SRL	<SRL	
1,1,2,2-Tetrachloroethane	<SRL	<SRL	
o-Xylene	<SRL	<SRL	
1,2,3-Trichloropropane	<SRL	<SRL	
Isopropylbenzene (Cumene)	<SRL	<SRL	
α-Pinene	<SRL	<SRL	
2-Chlorotoluene	<SRL	<SRL	
n-Propylbenzene	<SRL	<SRL	
4-Ethyltoluene	<SRL	<SRL	
1,3,5-Trimethylbenzene	<SRL	<SRL	
β-Pinene	<SRL	<SRL	
1,2,4-Trimethylbenzene	<SRL	<SRL	
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	
1,3-Dichlorobenzene	<SRL	<SRL	
1,4-Dichlorobenzene	<SRL	<SRL	
Sec-ButylBenzene	<SRL	<SRL	
1,2-Dichlorobenzene	<SRL	<SRL	
n-ButylBenzene	<SRL	<SRL	
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	
1,2,4-Trichlorobenzene	<SRL	<SRL	
Naphthalene	<SRL	<SRL	
Hexachlorobutadiene	<SRL	<SRL	

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

CHAIN OF CUSTODY RECORD 243020

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	Canister / Remarks Controller
~~MS-07~~	12-9/10-24	0700 - 0700	Do Not Analyze	6L Summa Canister	x	x			~~-21 HG~~	002151 / 04604
MS-12	12-9/10-24	0710 - 0710	68473	6L Summa Canister	x	x			-17 HG	002160 / 02323
MS-08	12-9/10-24	0720 - 0720	68474	6L Summa Canister	x	x			0 HG	001997 / 19507
MS-09	12-9/10-24	0730 - 0730	68475	6L Summa Canister	x	x			-9 HG	001980 / 17590
MS-10	12-9/10-24	0750 - 0750	68476	6L Summa Canister	x	x			-9 HG	002121 / FC76
MS-06	12-9/10-24	0800 - 0800	68477	6L Summa Canister	x	x			-7 HG	001950 / 19506
~~MS-11~~	~~12-9/10-24~~	0830 - 0830	Do Not Analyze	6L Summa Canister	x	x			-22 HG	~~001953 / 19612~~

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-10-24	0940			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/10/24	0944
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

D/C - 7x cans (2x void) + 7x coated Catchs

CHAIN OF CUSTODY RECORD 243020

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	12-9/10-24	0700 - 0700	68478	10 Liter Bag	X					
MS-12	12-9/10-24	0710 - 0710	68479	10 Liter Bag	X					
MS-08	12-9/10-24	0720 - 0720	68480	10 Liter Bag	X					
MS-09	12-9/10-24	0730 - 0730	68481	10 Liter Bag	X					
MS-10	12-9/10-24	0750 - 0750	68482	10 Liter Bag	X					
~~MS-06~~	~~12-9/10-24~~	~~0800 - 0800~~	Do Not Analyze	10 Liter Bag	X					
MS-11	12-9/10-24	0830 - 0830	68483	10 Liter Bag	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-10-24	0940			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/10/24	0944

Sample Disposal Method:	Disposed of by: (Signature)	Date	Time

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC Ventura

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 243020
REPORT DATE : 12/13/2024

On December 10th 2024, Atmospheric Analysis & Consulting, Inc. received five (5) Six-Liter Silonite Canisters and six (6) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)	Client ID	Lab No.
MS-12	243020-68473	399.0	MS-07	243020-68478
MS-08	243020-68474	676.0	MS-12	243020-68479
MS-09	243020-68475	558.0	MS-08	243020-68480
MS-10	243020-68476	574.5	MS-09	243020-68481
MS-06	243020-68477	623.0	MS-10	243020-68482
-	-		MS-11	243020-68483

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 7 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 243020
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/09-10/2024
RECEIVING DATE : 12/10/2024
ANALYSIS DATE : 12/12/2024
REPORT DATE : 12/13/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	MS-08	MS-09	MS-10	MS-06
AAC ID	243020-68473	243020-68474	243020-68475	243020-68476	243020-68477
Canister Dil. Fac.	2.55	1.50	1.83	1.77	1.63
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
COS / SO2	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Methyl Mercaptan	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Ethyl Mercaptan	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Dimethyl Sulfide	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Carbon Disulfide	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Isopropyl Mercaptan	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
tert-Butyl Mercaptan	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
n-Propyl Mercaptan	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Methylethylsulfide	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
sec-Butyl Mercaptan / Thiophene	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
iso-Butyl Mercaptan	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Diethyl Sulfide	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
n-Butyl Mercaptan	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Dimethyl Disulfide	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
2-Methylthiophene	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
3-Methylthiophene	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Tetrahydrothiophene	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Bromothiophene	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Thiophenol	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Diethyl Disulfide	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Total Unidentified Sulfur	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008
Total Reduced Sulfurs	< 0.013	< 0.008	< 0.009	< 0.009	< 0.008

All unidentified compound's concentrations expressed in terms of H_2S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 243020
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/09-10/2024
RECEIVING DATE : 12/10/2024
ANALYSIS DATE : 12/10/2024
REPORT DATE : 12/13/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09	MS-10	MS-11
AAC ID	243020-68478	243020-68479	243020-68480	243020-68481	243020-68482	243020-68483
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO2	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Carbon Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
tert-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Propyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylethylsulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
sec-Butyl Mercaptan / Thiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
iso-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
n-Butyl Mercaptan	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dimethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
3-Methylthiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrahydrothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromothiophene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Thiophenol	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diethyl Disulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Unidentified Sulfur	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Total Reduced Sulfurs	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

All unidentified compound's concentrations expressed in terms of H_2S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/10/2024
Analyst: NR/DM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 09/13/2024

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6963	0.489	95.8	1.3
Duplicate	6913	0.486	95.1	2.0
Triplicate	7295	0.513	100.3	3.4

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5920	0.494	98.4	3.5
Duplicate	6177	0.515	102.6	0.6
Triplicate	6316	0.527	104.9	2.9

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8721	0.509	102.4	0.5
Duplicate	8759	0.511	102.9	0.0
Triplicate	8808	0.514	103.4	0.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243006-68390**

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 243006-68390 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.241	0.256	94.3	100.2	6.0
MeSH	<PQL	0.251	0.242	0.260	96.4	103.6	7.2
DMS	<PQL	0.249	0.271	0.273	109.1	109.9	0.7

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.506	99.0
MeSH	0.502	0.523	104.2
DMS	0.497	0.516	103.8

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/12/2024
Analyst: NR/DM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 09/13/2024

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7142	0.502	98.2	0.4
Duplicate	6967	0.490	95.8	2.1
Triplicate	7235	0.508	99.5	1.7

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	5994	0.500	99.6	1.6
Duplicate	6165	0.514	102.4	1.2
Triplicate	6121	0.511	101.7	0.4

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8848	0.516	103.9	0.1
Duplicate	8874	0.518	104.2	0.4
Triplicate	8807	0.514	103.4	0.4

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242203-64138**

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 242203-64138 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.272	0.256	106.5	100.2	6.1
MeSH	<PQL	0.251	0.249	0.239	99.2	95.2	4.1
DMS	<PQL	0.249	0.271	0.260	109.1	104.6	4.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.549	107.4
MeSH	0.502	0.527	105.0
DMS	0.497	0.544	109.5

Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, * Must be < 5% RPD from Mean result.***

PQL = 0.05 ppmV
MDL = 0.005 ppmV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

CHAIN OF CUSTODY RECORD 243020

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	Canister / Controller	Remarks
~~MS-07~~	12-9/10-24	0700 - 0700	Do Not Analyze	6L Summa Canister	x	x			-21 HG	002151 / 04604	
MS-12	12-9/10-24	0710 - 0710	68473	6L Summa Canister	x	x			-17 HG	002160 / 02323	
MS-08	12-9/10-24	0720 - 0720	68474	6L Summa Canister	x	x			0 HG	001997 / 19507	
MS-09	12-9/10-24	0730 - 0730	68475	6L Summa Canister	x	x			-9 HG	001980 / 17590	
MS-10	12-9/10-24	0750 - 0750	68476	6L Summa Canister	x	x			-9 HG	002121 / FC76	
MS-06	12-9/10-24	0800 - 0800	68477	6L Summa Canister	x	x			-7 HG	001950 / 19506	
~~MS-11~~	12-9/10-24	0830 - 0830	Do Not Analyze	6L Summa Canister	x	x			-22 HG	001953 / 19612	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-10-24	0940			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/10/24	0944
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 243020

Client/Project Name	Project Location	ANALYSES
SCS Engineers/ Chiquita Canyon Landfill Air/Odor Sampling	Valencia, CA	
Project No.	**Field Logbook No.**	
Sampler: (Print) D Hernandez	**(Signature)**	**No. Of Containers** 7

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.91 Sulfur					Remarks
MS-07	12-9/10-24	0700 - 0700	68478	10 Liter Bag	X					
MS-12	12-9/10-24	0710 - 0710	68479	10 Liter Bag	X					
MS-08	12-9/10-24	0720 - 0720	68480	10 Liter Bag	X					
MS-09	12-9/10-24	0730 - 0730	68481	10 Liter Bag	X					
MS-10	12-9/10-24	0750 - 0750	68482	10 Liter Bag	X					
~~MS-06~~	~~12-9/10-24~~	~~0800 - 0800~~	Do Not Analyze	10 Liter Bag	X					
MS-11	12-9/10-24	0830 - 0830	68483	10 Liter Bag	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-10-24	0940			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/10/24	0944
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC Ventura

CLIENT : SCS Engineers
PROJECT NAME : Chiquita Canyon Landfill Air/Odor Sampling
AAC PROJECT NO. : 243097
REPORT DATE : 12/19/2024

On December 17, 2024, 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	243097-68894	638.0
MS-12	243097-68895	313.0
MS-08	243097-68896	407.0
MS-19	243097-68897	759.0
MS-10	243097-68898	618.5
MS-06	243097-68899	573.5
MS-11	243097-68900	694.5

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 16 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243097
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/17/2024
DATE REPORTED : 12/19/2024
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	243097-68894				243097-68895				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/18/2024				12/18/2024				
Can Dilution Factor	1.61				3.31				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Propene	<SRL	U	1	1.61	<SRL	U	1	3.31	1.00
Dichlorodifluoromethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Dimethyl Ether	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Chloromethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Vinyl Chloride	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Acetaldehyde	<SRL	U	1	8.06	<SRL	U	1	16.5	5.00
Methanol	<SRL	U	1	8.06	<SRL	U	1	16.5	5.00
1,3-Butadiene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Bromomethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Chloroethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Dichlorofluoromethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Ethanol	7.48		1	3.23	<SRL	U	1	6.61	2.00
Vinyl Bromide	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Acrolein	<SRL	U	1	1.61	<SRL	U	1	3.31	1.00
Acetone	<SRL	U	1	3.23	<SRL	U	1	6.61	2.00
Trichlorofluoromethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
2-Propanol (IPA)	<SRL	U	1	3.23	<SRL	U	1	6.61	2.00
Acrylonitrile	<SRL	U	1	1.61	<SRL	U	1	3.31	1.00
1,1-Dichloroethene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.61	<SRL	U	1	3.31	1.00
TertButanol (TBA)	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Allyl Chloride	<SRL	U	1	1.61	<SRL	U	1	3.31	1.00
Carbon Disulfide	<SRL	U	1	3.23	<SRL	U	1	6.61	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,1-Dichloroethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Vinyl Acetate	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
2-Butanone (MEK)	<SRL	U	1	1.61	<SRL	U	1	3.31	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Hexane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Chloroform	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Ethyl Acetate	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Tetrahydrofuran	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,2-Dichloroethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Benzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
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MATRIX : AIR
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DATE RECEIVED : 12/17/2024
DATE REPORTED : 12/19/2024
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	243097-68894				243097-68895				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/18/2024				12/18/2024				
Can Dilution Factor	1.61				3.31				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Cyclohexane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,2-Dichloropropane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Bromodichloromethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,4-Dioxane	<SRL	U	1	1.61	<SRL	U	1	3.31	1.00
Trichloroethene (TCE)	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Methyl Methacrylate	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Heptane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Toluene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
2-Hexanone (MBK)	<SRL	U	1	1.61	<SRL	U	1	3.31	1.00
Dibromochloromethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,2-Dibromoethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Chlorobenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Ethylbenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
m & p-Xylene	<SRL	U	1	1.61	<SRL	U	1	3.31	1.00
Bromoform	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Styrene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
o-Xylene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
α-Pinene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
2-Chlorotoluene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
n-Propylbenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
4-Ethyltoluene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
β-Pinene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Sec-ButylBenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
n-ButylBenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Naphthalene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
Hexachlorobutadiene	<SRL	U	1	0.81	<SRL	U	1	1.65	0.50
BFB-Surrogate Std. % Recovery		97%				92%			70-130%

U - Compound was not detected at or above the SRL.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243097
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/17/2024
DATE REPORTED : 12/19/2024
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	243097-68896				243097-68897				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/18/2024				12/18/2024				
Can Dilution Factor	2.51				1.34				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Propene	<SRL	U	1	2.51	<SRL	U	1	1.34	1.00
Dichlorodifluoromethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Dimethyl Ether	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Chloromethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Dichlorotetrafluoroethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Vinyl Chloride	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Acetaldehyde	<SRL	U	1	12.5	<SRL	U	1	6.70	5.00
Methanol	<SRL	U	1	12.5	<SRL	U	1	6.70	5.00
1,3-Butadiene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Bromomethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Chloroethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Dichlorofluoromethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Ethanol	<SRL	U	1	5.02	<SRL	U	1	2.68	2.00
Vinyl Bromide	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Acrolein	<SRL	U	1	2.51	<SRL	U	1	1.34	1.00
Acetone	<SRL	U	1	5.02	7.03		1	2.68	2.00
Trichlorofluoromethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
2-Propanol (IPA)	<SRL	U	1	5.02	<SRL	U	1	2.68	2.00
Acrylonitrile	<SRL	U	1	2.51	<SRL	U	1	1.34	1.00
1,1-Dichloroethene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Methylene Chloride (DCM)	<SRL	U	1	2.51	<SRL	U	1	1.34	1.00
TertButanol (TBA)	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Allyl Chloride	<SRL	U	1	2.51	<SRL	U	1	1.34	1.00
Carbon Disulfide	<SRL	U	1	5.02	<SRL	U	1	2.68	2.00
Trichlorotrifluoroethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
trans-1,2-Dichloroethene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,1-Dichloroethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Vinyl Acetate	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
2-Butanone (MEK)	<SRL	U	1	2.51	<SRL	U	1	1.34	1.00
cis-1,2-Dichloroethene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Hexane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Chloroform	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Ethyl Acetate	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Tetrahydrofuran	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,2-Dichloroethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,1,1-Trichloroethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Benzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50

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CLIENT : SCS Engineers
PROJECT NO : 243097
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DATE RECEIVED : 12/17/2024
DATE REPORTED : 12/19/2024
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	243097-68896				243097-68897				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/18/2024				12/18/2024				
Can Dilution Factor	2.51				1.34				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Cyclohexane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,2-Dichloropropane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Bromodichloromethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,4-Dioxane	<SRL	U	1	2.51	<SRL	U	1	1.34	1.00
Trichloroethene (TCE)	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
2,2,4-Trimethylpentane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Methyl Methacrylate	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Heptane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
cis-1,3-Dichloropropene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
trans-1,3-Dichloropropene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,1,2-Trichloroethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Toluene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
2-Hexanone (MBK)	<SRL	U	1	2.51	<SRL	U	1	1.34	1.00
Dibromochloromethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,2-Dibromoethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Tetrachloroethene (PCE)	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Chlorobenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Ethylbenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
m & p-Xylene	<SRL	U	1	2.51	<SRL	U	1	1.34	1.00
Bromoform	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Styrene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
o-Xylene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,2,3-Trichloropropane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
α-Pinene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
2-Chlorotoluene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
n-Propylbenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
4-Ethyltoluene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
β-Pinene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,3-Dichlorobenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,4-Dichlorobenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Sec-ButylBenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,2-Dichlorobenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
n-ButylBenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Naphthalene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
Hexachlorobutadiene	<SRL	U	1	1.25	<SRL	U	1	0.67	0.50
BFB-Surrogate Std. % Recovery		93%				95%			70-130%

U - Compound was not detected at or above the SRL.

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243097
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UNITS : PPB (v/v)

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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	243097-68898				243097-68899				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/18/2024				12/18/2024				
Can Dilution Factor	1.64				1.78				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Propene	<SRL	U	1	1.64	<SRL	U	1	1.78	1.00
Dichlorodifluoromethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Dimethyl Ether	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Chloromethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Vinyl Chloride	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Acetaldehyde	<SRL	U	1	8.21	<SRL	U	1	8.91	5.00
Methanol	<SRL	U	1	8.21	<SRL	U	1	8.91	5.00
1,3-Butadiene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Bromomethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Chloroethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Dichlorofluoromethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Ethanol	4.01		1	3.29	4.06		1	3.56	2.00
Vinyl Bromide	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Acrolein	<SRL	U	1	1.64	<SRL	U	1	1.78	1.00
Acetone	4.93		1	3.29	4.06		1	3.56	2.00
Trichlorofluoromethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
2-Propanol (IPA)	<SRL	U	1	3.29	<SRL	U	1	3.56	2.00
Acrylonitrile	<SRL	U	1	1.64	<SRL	U	1	1.78	1.00
1,1-Dichloroethene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.64	<SRL	U	1	1.78	1.00
TertButanol (TBA)	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Allyl Chloride	<SRL	U	1	1.64	<SRL	U	1	1.78	1.00
Carbon Disulfide	<SRL	U	1	3.29	<SRL	U	1	3.56	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,1-Dichloroethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Vinyl Acetate	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
2-Butanone (MEK)	<SRL	U	1	1.64	<SRL	U	1	1.78	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Hexane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Chloroform	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Ethyl Acetate	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Tetrahydrofuran	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,2-Dichloroethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Benzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243097
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/17/2024
DATE REPORTED : 12/19/2024
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	243097-68898				243097-68899				
Date Sampled	12/16/2024				12/16/2024				
Date Analyzed	12/18/2024				12/18/2024				
Can Dilution Factor	1.64				1.78				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Cyclohexane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,2-Dichloropropane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Bromodichloromethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,4-Dioxane	<SRL	U	1	1.64	<SRL	U	1	1.78	1.00
Trichloroethene (TCE)	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Methyl Methacrylate	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Heptane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Toluene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
2-Hexanone (MBK)	<SRL	U	1	1.64	<SRL	U	1	1.78	1.00
Dibromochloromethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,2-Dibromoethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Chlorobenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Ethylbenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
m & p-Xylene	<SRL	U	1	1.64	<SRL	U	1	1.78	1.00
Bromoform	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Styrene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
o-Xylene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
α-Pinene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
2-Chlorotoluene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
n-Propylbenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
4-Ethyltoluene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
β-Pinene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Sec-ButylBenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
n-ButylBenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Naphthalene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
Hexachlorobutadiene	<SRL	U	1	0.82	<SRL	U	1	0.89	0.50
BFB-Surrogate Std. % Recovery		96%				93%			70-130%

U - Compound was not detected at or above the SRL.

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243097
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/17/2024
DATE REPORTED : 12/19/2024
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	243097-68900				
Date Sampled	12/16/2024				
Date Analyzed	12/18/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.48	1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	0.50
Dimethyl Ether	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.74	0.50
Acetaldehyde	<SRL	U	1	7.38	5.00
Methanol	<SRL	U	1	7.38	5.00
1,3-Butadiene	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.74	0.50
Ethanol	<SRL	U	1	2.95	2.00
Vinyl Bromide	<SRL	U	1	0.74	0.50
Acrolein	<SRL	U	1	1.48	1.00
Acetone	<SRL	U	1	2.95	2.00
Trichlorofluoromethane	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.95	2.00
Acrylonitrile	<SRL	U	1	1.48	1.00
1,1-Dichloroethene	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.48	1.00
TertButanol (TBA)	<SRL	U	1	0.74	0.50
Allyl Chloride	<SRL	U	1	1.48	1.00
Carbon Disulfide	<SRL	U	1	2.95	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.48	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.74	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243097
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/17/2024
DATE REPORTED : 12/19/2024
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	243097-68900				
Date Sampled	12/16/2024				
Date Analyzed	12/18/2024				
Can Dilution Factor	1.48				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.74	0.50
Cyclohexane	<SRL	U	1	0.74	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	0.50
Bromodichloromethane	<SRL	U	1	0.74	0.50
1,4-Dioxane	<SRL	U	1	1.48	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	0.50
Methyl Methacrylate	<SRL	U	1	0.74	0.50
Heptane	<SRL	U	1	0.74	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	0.50
Toluene	<SRL	U	1	0.74	0.50
2-Hexanone (MBK)	<SRL	U	1	1.48	1.00
Dibromochloromethane	<SRL	U	1	0.74	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	0.50
Chlorobenzene	<SRL	U	1	0.74	0.50
Ethylbenzene	<SRL	U	1	0.74	0.50
m & p-Xylene	<SRL	U	1	1.48	1.00
Bromoform	<SRL	U	1	0.74	0.50
Styrene	<SRL	U	1	0.74	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	0.50
o-Xylene	<SRL	U	1	0.74	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.74	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.74	0.50
α-Pinene	<SRL	U	1	0.74	0.50
2-Chlorotoluene	<SRL	U	1	0.74	0.50
n-Propylbenzene	<SRL	U	1	0.74	0.50
4-Ethyltoluene	<SRL	U	1	0.74	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	0.50
β-Pinene	<SRL	U	1	0.74	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	0.50
Sec-ButylBenzene	<SRL	U	1	0.74	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	0.50
n-ButylBenzene	<SRL	U	1	0.74	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.74	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	0.50
Naphthalene	<SRL	U	1	0.74	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	0.50
BFB-Surrogate Std. % Recovery		98%			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 : 243097
MATRIX : AIR

DATE RECEIVED : 12/17/2024
DATE REPORTED : 12/19/2024
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	243097-68894	12/16/2024	12/18/2024	0.45	1.61	1.0	0.81	0.5	97%
MS-12	243097-68895	12/16/2024	12/18/2024	<SRL	3.31	1.0	1.65	0.5	92%
MS-08	243097-68896	12/16/2024	12/18/2024	<SRL	2.51	1.0	1.25	0.5	93%
MS-09	243097-68897	12/16/2024	12/18/2024	<SRL	1.34[1]	1.0	0.67	0.5	95%
MS-10	243097-68898	12/16/2024	12/18/2024	<SRL	1.64	1.0	0.82	0.5	96%
MS-06	243097-68899	12/16/2024	12/18/2024	<SRL	1.78	1.0	0.89	0.5	93%
MS-11	243097-68900	12/16/2024	12/18/2024	<SRL	1.48	1.0	0.74	0.5	98%

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 12/18/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	9.71	103
Chlorodifluoromethane	10.20	8.59	84
Propene	10.70	8.04	75
Dichlorodifluoromethane	10.40	9.36	90
Dimethyl Ether	10.10	7.93	79
Chloromethane	10.50	8.29	79
Dichlorotetrafluoroethane	10.20	9.94	97
Vinyl Chloride	10.60	8.87	84
Acetaldehyde	20.90	17.20	82
Methanol	20.40	17.74	87
1,3-Butadiene	10.70	9.19	86
Bromomethane	10.40	10.04	97
Chloroethane	10.40	8.81	85
Dichlorofluoromethane	10.10	9.38	93
Ethanol	11.40	8.54	75
Vinyl Bromide	10.10	9.35	93
Acrolein	10.90	8.92	82
Acetone	10.60	9.10	86
Trichlorofluoromethane	10.50	9.89	94
2-Propanol (IPA)	11.00	8.88	81
Acrylonitrile	11.10	8.86	80
1,1-Dichloroethene	10.50	10.10	96
Methylene Chloride (DCM)	10.40	9.65	93
TertButanol (TBA)	11.20	9.42	84
Allyl Chloride	10.20	8.41	82
Carbon Disulfide	10.50	9.96	95
Trichlorotrifluoroethane	10.30	9.87	96
trans-1,2-Dichloroethene	10.80	10.45	97
1,1-Dichloroethane	10.70	9.67	90
Methyl Tert Butyl Ether (MTBE)	10.70	9.95	93
Vinyl Acetate	11.00	8.45	77
2-Butanone (MEK)	10.70	9.69	91
cis-1,2-Dichloroethene	10.70	10.49	98
Hexane	10.80	9.50	88
Chloroform	10.70	10.09	94
Ethyl Acetate	10.70	8.90	83
Tetrahydrofuran	10.40	9.05	87
1,2-Dichloroethane	10.60	9.74	92
1,1,1-Trichloroethane	10.50	10.02	95
Benzene	10.70	10.67	100
Carbon Tetrachloride	10.30	10.42	101
Cyclohexane	10.50	9.97	95

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	10.58	99
Bromodichloromethane	10.50	10.44	99
1,4-Dioxane	10.50	10.16	97
Trichloroethene (TCE)	10.50	11.11	106
2,2,4-Trimethylpentane	10.10	9.41	93
Methyl Methacrylate	11.00	10.53	96
Heptane	10.50	10.21	97
cis-1,3-Dichloropropene	10.50	10.34	98
4-Methyl-2-pentanone (MiBK)	10.50	9.63	92
trans-1,3-Dichloropropene	10.60	10.17	96
1,1,2-Trichloroethane	10.60	9.61	91
Toluene	10.80	10.77	100
2-Hexanone (MBK)	10.50	9.68	92
Dibromochloromethane	10.60	10.87	103
1,2-Dibromoethane	10.60	10.94	103
Tetrachloroethene (PCE)	10.50	10.94	104
Chlorobenzene	10.80	10.62	98
Ethylbenzene	10.60	10.61	100
m & p-Xylene	21.20	21.11	100
Bromoform	10.60	10.68	101
Styrene	10.60	10.71	101
1,1,2,2-Tetrachloroethane	10.60	9.90	93
o-Xylene	10.60	10.57	100
1,2,3-Trichloropropane	11.00	11.41	104
Isopropylbenzene (Cumene)	10.40	10.38	100
α-Pinene	10.80	10.40	96
2-Chlorotoluene	10.30	10.68	104
n-Propylbenzene	10.10	10.08	100
4-Ethyltoluene	10.40	10.22	98
1,3,5-Trimethylbenzene	10.30	10.56	103
β-Pinene	10.90	10.05	92
1,2,4-Trimethylbenzene	10.30	10.22	99
Benzyl Chloride (a-Chlorotoluene)	10.30	9.71	94
1,3-Dichlorobenzene	10.30	10.78	105
1,4-Dichlorobenzene	10.20	10.64	104
Sec-ButylBenzene	10.00	9.81	98
1,2-Dichlorobenzene	10.40	10.68	103
n-ButylBenzene	10.20	10.15	100
1,2-Dibromo-3-Chloropropane	10.10	10.44	103
1,2,4-Trichlorobenzene	10.50	11.24	107
Naphthalene	10.90	11.82	108
Hexachlorobutadiene	10.80	11.01	102

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 12/18/2024
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS [1] Recovery*	*LCSD [1] Recovery*	*LCS [1] % Recovery [2]*	*LCSD [1] % Recovery [2]*	*RPD [3]*
4-BFB (surrogate standard)	0.0	9.40	9.71	9.73	103	104	0.2
1,1-Dichloroethene	0.0	10.50	10.10	10.84	96	103	7.1
Methylene Chloride (DCM)	0.0	10.40	9.65	10.62	93	102	9.6
Benzene	0.0	10.70	10.67	10.35	100	97	3.0
Trichloroethene (TCE)	0.0	10.50	11.11	10.73	106	102	3.5
Toluene	0.0	10.80	10.77	10.51	100	97	2.4
Tetrachloroethene (PCE)	0.0	10.50	10.94	10.56	104	101	3.5
Chlorobenzene	0.0	10.80	10.62	10.73	98	99	1.0
Ethylbenzene	0.0	10.60	10.61	10.68	100	101	0.7
m & p-Xylene	0.0	21.20	21.11	20.86	100	98	1.2
o-Xylene	0.0	10.60	10.57	10.67	100	101	0.9

[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 : 12/18/2024 | **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 121824*	*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 121824*	*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 : 12/18/2024
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x56652.05

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 242959-68101

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.25	9.11	1.5
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	<SRL	<SRL	
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone	<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	4920000	4730000	4.0
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)

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CHAIN OF CUSTODY RECORD 243097

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	12-16/17-24	0700 - 0700	68894	6L Summa Canister	X	X			-7 HG	002093 / 19510
MS-12	12-16/17-24	0710 - 0710	68895	6L Summa Canister	X	X			-17 HG	002082 / 19504
MS-08	12-16/17-24	0720 - 0720	68896	6L Summa Canister	X	X			-13 HG	002068 / 19505
MS-09	12-16/17-24	0730 - 0730	68897	6L Summa Canister	X	X			0 HG	002130 / 03109
MS-10	12-16/17-24	0745 - 0745	68898	6L Summa Canister	X	X			-8 HG	002084 / 03527
MS-06	12-16/17-24	0800 - 0800	68899	6L Summa Canister	X	X			-7 HG	002157 / 17587
MS-11	12-16/17-24	0830 - 0830	68900	6L Summa Canister	X	X			0 HG	002144 / 05097

Relinquished by: (Signature)	**Date** 12-17-24	**Time** 0915	**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** 12/17/24	**Time** 0915
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 air + 7c coated Entacks

CHAIN OF CUSTODY RECORD 243097

Client/Project Name	Project Location	ANALYSES
SCS Engineers / Chiquita Canyon Landfill Air/Odor Sampling	Valencia, CA	
Project No.	**Field Logbook No.**	
Sampler: (Print) D Hernandez	**(Signature)**	**No. Of Containers** 7

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	307.91 Sulfur					Remarks
MS-07	12-16/17-24	0700-0700	68901	10 Liter Bag	X					
MS-12	12-16/17-24	0710-0710	68902	10 Liter Bag	X					
MS-08	12-16/17-24	0720-0720	68903	10 Liter Bag	X					
MS-09	12-16/17-24	0730-0730	68904	10 Liter Bag	X					
MS-10	12-16/17-24	0745-0745	68905	10 Liter Bag	X					
MS-06	12-16/17-24	0800-0800	68906	10 Liter Bag	X					
MS-11	12-16/17-24	0830-0830	68907	10 Liter Bag	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-17-24	0915			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/17/24	0915
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. : 243097
REPORT DATE : 12/20/2024

On December 17th 2024, 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	243097-68894	638.0	MS-07	243097-68901
MS-12	243097-68895	313.0	MS-12	243097-68902
MS-08	243097-68896	407.0	MS-08	243097-68903
MS-09	243097-68897	759.0	MS-09	243097-68904
MS-10	243097-68898	618.5	MS-10	243097-68905
MS-06	243097-68899	573.5	MS-06	243097-68906
MS-11	243097-68900	694.5	MS-11	243097-68907

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. : 243097
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/16-17/2024
RECEIVING DATE : 12/17/2024
ANALYSIS DATE : 12/19/2024
REPORT DATE : 12/20/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	243097-68894	243097-68895	243097-68896	243097-68897
Canister Dil. Fac.	1.61	3.31	2.51	1.34
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.017	< 0.013	< 0.007
COS / SO2	< 0.008	< 0.017	< 0.013	< 0.007
Methyl Mercaptan	< 0.008	< 0.017	< 0.013	< 0.007
Ethyl Mercaptan	< 0.008	< 0.017	< 0.013	< 0.007
Dimethyl Sulfide	< 0.008	< 0.017	< 0.013	< 0.007
Carbon Disulfide	< 0.008	< 0.017	< 0.013	< 0.007
Isopropyl Mercaptan	< 0.008	< 0.017	< 0.013	< 0.007
tert-Butyl Mercaptan	< 0.008	< 0.017	< 0.013	< 0.007
n-Propyl Mercaptan	< 0.008	< 0.017	< 0.013	< 0.007
Methylethylsulfide	< 0.008	< 0.017	< 0.013	< 0.007
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.017	< 0.013	< 0.007
iso-Butyl Mercaptan	< 0.008	< 0.017	< 0.013	< 0.007
Diethyl Sulfide	< 0.008	< 0.017	< 0.013	< 0.007
n-Butyl Mercaptan	< 0.008	< 0.017	< 0.013	< 0.007
Dimethyl Disulfide	< 0.008	< 0.017	< 0.013	< 0.007
2-Methylthiophene	< 0.008	< 0.017	< 0.013	< 0.007
3-Methylthiophene	< 0.008	< 0.017	< 0.013	< 0.007
Tetrahydrothiophene	< 0.008	< 0.017	< 0.013	< 0.007
Bromothiophene	< 0.008	< 0.017	< 0.013	< 0.007
Thiophenol	< 0.008	< 0.017	< 0.013	< 0.007
Diethyl Disulfide	< 0.008	< 0.017	< 0.013	< 0.007
Total Unidentified Sulfur	< 0.008	< 0.017	< 0.013	< 0.007
Total Reduced Sulfurs	< 0.008	< 0.017	< 0.013	< 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.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 243097
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/16-17/2024
RECEIVING DATE : 12/17/2024
ANALYSIS DATE : 12/19/2024
REPORT DATE : 12/20/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	243097-68898	243097-68899	243097-68900
Canister Dil. Fac.	1.64	1.78	1.48
Analyte	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.009	< 0.007
COS / SO2	< 0.008	< 0.009	< 0.007
Methyl Mercaptan	< 0.008	< 0.009	< 0.007
Ethyl Mercaptan	< 0.008	< 0.009	< 0.007
Dimethyl Sulfide	< 0.008	< 0.009	< 0.007
Carbon Disulfide	< 0.008	< 0.009	< 0.007
Isopropyl Mercaptan	< 0.008	< 0.009	< 0.007
tert-Butyl Mercaptan	< 0.008	< 0.009	< 0.007
n-Propyl Mercaptan	< 0.008	< 0.009	< 0.007
Methylethylsulfide	< 0.008	< 0.009	< 0.007
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.009	< 0.007
iso-Butyl Mercaptan	< 0.008	< 0.009	< 0.007
Diethyl Sulfide	< 0.008	< 0.009	< 0.007
n-Butyl Mercaptan	< 0.008	< 0.009	< 0.007
Dimethyl Disulfide	< 0.008	< 0.009	< 0.007
2-Methylthiophene	< 0.008	< 0.009	< 0.007
3-Methylthiophene	< 0.008	< 0.009	< 0.007
Tetrahydrothiophene	< 0.008	< 0.009	< 0.007
Bromothiophene	< 0.008	< 0.009	< 0.007
Thiophenol	< 0.008	< 0.009	< 0.007
Diethyl Disulfide	< 0.008	< 0.009	< 0.007
Total Unidentified Sulfur	< 0.008	< 0.009	< 0.007
Total Reduced Sulfurs	< 0.008	< 0.009	< 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.

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 243097
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/16-17/2024
RECEIVING DATE : 12/17/2024
ANALYSIS DATE : 12/17/2024
REPORT DATE : 12/20/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09
AAC ID	243097-68901	243097-68902	243097-68903	243097-68904
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. : 243097
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/16-17/2024
RECEIVING DATE : 12/17/2024
ANALYSIS DATE : 12/17/2024
REPORT DATE : 12/20/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-10	MS-06	MS-11
AAC ID	243097-68905	243097-68906	243097-68907
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: 12/19/2024
Analyst: NR/DM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 09/13/2024

Opening Calibration Verification Standard

0.494 ppmV H2S (GC-091924-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7341	0.516	104.4	0.5
Duplicate	7232	0.508	102.9	1.0
Triplicate	7341	0.516	104.4	0.5

0.508 ppmV MeSH (GC-091924-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6301	0.526	103.6	0.2
Duplicate	6264	0.523	103.0	0.4
Triplicate	6295	0.525	103.5	0.1

0.481 ppmV DMS (GC-091924-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8277	0.483	100.5	1.2
Duplicate	8338	0.487	101.3	0.4
Triplicate	8507	0.497	103.3	1.6

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 242742-66846**

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate **Sample ID 242742-66846 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.247	0.269	0.266	108.9	107.7	1.1
MeSH	<PQL	0.254	0.277	0.275	109.2	108.4	0.7
DMS	<PQL	0.240	0.232	0.245	96.6	102.0	5.5

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.494	0.518	104.9
MeSH	0.508	0.555	109.4
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
MDL = 0.005 ppmV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/17/2024
Analyst: NR/DM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 09/13/2024

Opening Calibration Verification Standard

0.511 ppmV H2S (GC-110223-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7046	0.495	96.9	1.3
Duplicate	7197	0.506	99.0	0.8
Triplicate	7176	0.504	98.7	0.5

0.502 ppmV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6022	0.502	100.1	0.6
Duplicate	6096	0.508	101.3	0.6
Triplicate	6062	0.506	100.7	0.0

0.497 ppmV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8544	0.499	100.3	2.0
Duplicate	8784	0.513	103.2	0.7
Triplicate	8837	0.516	103.8	1.3

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243093-66883**

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 243093-66883 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.256	0.271	0.250	106.1	97.8	8.1
MeSH	<PQL	0.251	0.265	0.250	105.6	99.6	5.8
DMS	<PQL	0.249	0.273	0.273	109.9	109.9	0.0

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.511	0.504	98.6
MeSH	0.502	0.495	98.6
DMS	0.497	0.504	101.4

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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CHAIN OF CUSTODY RECORD 243097

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	12-16/17-24	0700 - 0700	68894	6L Summa Canister	x	x			-7 H6	002093 / 19510
MS-12	12-16/17-24	0710 - 0710	68895	6L Summa Canister	x	x			-17 H6	002082 / 19504
MS-08	12-16/17-24	0720 - 0720	68896	6L Summa Canister	x	x			-13 H6	002068 / 19505
MS-09	12-16/17-24	0730 - 0730	68897	6L Summa Canister	x	x			0 H6	002130 / 03109
MS-10	12-16/17-24	0745 - 0745	68898	6L Summa Canister	x	x			-8 H6	002084 / 03527
MS-06	12-16/17-24	0800 - 0800	68899	6L Summa Canister	x	x			-7 H6	002157 / 17587
MS-11	12-16/17-24	0830 - 0830	68900	6L Summa Canister	x	x			0 H6	002144 / 05097

	Date	Time		Date	Time
Relinquished by: (Signature)	12-17-24	0915	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	12/17/24	0915
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 243097

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	12-16/17-24	0700 - 0700	68901	10 Liter Bag	X					
MS-12	12-16/17-24	0710 - 0710	68902	10 Liter Bag	X					
MS-08	12-16/17-24	0720 - 0720	68903	10 Liter Bag	X					
MS-09	12-16/17-24	0730 - 0730	68904	10 Liter Bag	X					
MS-10	12-16/17-24	0745 - 0745	68905	10 Liter Bag	X					
MS-06	12-16/17-24	0800 - 0800	68906	10 Liter Bag	X					
MS-11	12-16/17-24	0830 - 0830	68907	10 Liter Bag	X					

	Date	Time		Date	Time
Relinquished by: (Signature)	12-17-24	0915	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory: (Signature)**	12/17/24	0915
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. : 243164
REPORT DATE : 01/03/2025

On December 24, 2024, 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	243164-69242	653.5
MS-08	243164-69243	663.5
MS-09	243164-69244	490.0
MS-10	243164-69245	597.0
MS-06	243164-69246	431.5

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 14 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243164
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/24/2024
DATE REPORTED : 01/03/2025
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	243164-69242				243164-69243				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	01/02/2025				01/02/2025				
Can Dilution Factor	1.56				1.54				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Propene	<SRL	U	1	1.56	<SRL	U	1	1.54	1.00
Dichlorodifluoromethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Dimethyl Ether	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Chloromethane	<SRL	U	1	0.78	0.85		1	0.77	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Vinyl Chloride	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Acetaldehyde	<SRL	U	1	7.81	<SRL	U	1	7.70	5.00
Methanol	<SRL	U	1	7.81	<SRL	U	1	7.70	5.00
1,3-Butadiene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Bromomethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Chloroethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Dichlorofluoromethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Ethanol	3.12		1	3.12	<SRL	U	1	3.08	2.00
Vinyl Bromide	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Acrolein	<SRL	U	1	1.56	<SRL	U	1	1.54	1.00
Acetone	4.09		1	3.12	4.76		1	3.08	2.00
Trichlorofluoromethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
2-Propanol (IPA)	<SRL	U	1	3.12	<SRL	U	1	3.08	2.00
Acrylonitrile	<SRL	U	1	1.56	<SRL	U	1	1.54	1.00
1,1-Dichloroethene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.56	<SRL	U	1	1.54	1.00
TertButanol (TBA)	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Allyl Chloride	<SRL	U	1	1.56	<SRL	U	1	1.54	1.00
Carbon Disulfide	<SRL	U	1	3.12	<SRL	U	1	3.08	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,1-Dichloroethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Vinyl Acetate	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
2-Butanone (MEK)	<SRL	U	1	1.56	<SRL	U	1	1.54	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Hexane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Chloroform	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Ethyl Acetate	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Tetrahydrofuran	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,2-Dichloroethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Benzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243164
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/24/2024
DATE REPORTED : 01/03/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-07			Sample Reporting Limit (SRL)	MS-08			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	243164-69242				243164-69243				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	01/02/2025				01/02/2025				
Can Dilution Factor	1.56				1.54				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Cyclohexane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,2-Dichloropropane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Bromodichloromethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,4-Dioxane	<SRL	U	1	1.56	<SRL	U	1	1.54	1.00
Trichloroethene (TCE)	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Methyl Methacrylate	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Heptane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Toluene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
2-Hexanone (MBK)	<SRL	U	1	1.56	<SRL	U	1	1.54	1.00
Dibromochloromethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,2-Dibromoethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Chlorobenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Ethylbenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
m & p-Xylene	<SRL	U	1	1.56	<SRL	U	1	1.54	1.00
Bromoform	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Styrene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
o-Xylene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,2,3-Trichloropropane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
α-Pinene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
2-Chlorotoluene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
n-Propylbenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
4-Ethyltoluene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
β-Pinene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Sec-ButylBenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
n-ButylBenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Naphthalene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
Hexachlorobutadiene	<SRL	U	1	0.78	<SRL	U	1	0.77	0.50
BFB-Surrogate Std. % Recovery		97%				98%			70-130%

U - Compound was not detected at or above the SRL.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243164
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/24/2024
DATE REPORTED : 01/03/2025
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	243164-69244				243164-69245				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	01/02/2025				01/02/2025				
Can Dilution Factor	2.08				1.71				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Propene	<SRL	U	1	2.08	<SRL	U	1	1.71	1.00
Dichlorodifluoromethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Dimethyl Ether	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Chloromethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Dichlorotetrafluoroethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Vinyl Chloride	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Acetaldehyde	<SRL	U	1	10.4	<SRL	U	1	8.55	5.00
Methanol	<SRL	U	1	10.4	<SRL	U	1	8.55	5.00
1,3-Butadiene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Bromomethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Chloroethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Dichlorofluoromethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Ethanol	4.55		1	4.16	5.32		1	3.42	2.00
Vinyl Bromide	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Acrolein	<SRL	U	1	2.08	<SRL	U	1	1.71	1.00
Acetone	9.44		1	4.16	6.75		1	3.42	2.00
Trichlorofluoromethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
2-Propanol (IPA)	<SRL	U	1	4.16	<SRL	U	1	3.42	2.00
Acrylonitrile	<SRL	U	1	2.08	<SRL	U	1	1.71	1.00
1,1-Dichloroethene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Methylene Chloride (DCM)	<SRL	U	1	2.08	<SRL	U	1	1.71	1.00
TertButanol (TBA)	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Allyl Chloride	<SRL	U	1	2.08	<SRL	U	1	1.71	1.00
Carbon Disulfide	<SRL	U	1	4.16	<SRL	U	1	3.42	2.00
Trichlorotrifluoroethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
trans-1,2-Dichloroethene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,1-Dichloroethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Vinyl Acetate	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
2-Butanone (MEK)	<SRL	U	1	2.08	<SRL	U	1	1.71	1.00
cis-1,2-Dichloroethene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Hexane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Chloroform	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Ethyl Acetate	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Tetrahydrofuran	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,2-Dichloroethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,1,1-Trichloroethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Benzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243164
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/24/2024
DATE REPORTED : 01/03/2025
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	243164-69244				243164-69245				
Date Sampled	12/23/2024				12/23/2024				
Date Analyzed	01/02/2025				01/02/2025				
Can Dilution Factor	2.08				1.71				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Cyclohexane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,2-Dichloropropane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Bromodichloromethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,4-Dioxane	<SRL	U	1	2.08	<SRL	U	1	1.71	1.00
Trichloroethene (TCE)	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
2,2,4-Trimethylpentane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Methyl Methacrylate	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Heptane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
cis-1,3-Dichloropropene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
trans-1,3-Dichloropropene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,1,2-Trichloroethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Toluene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
2-Hexanone (MBK)	<SRL	U	1	2.08	<SRL	U	1	1.71	1.00
Dibromochloromethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,2-Dibromoethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Tetrachloroethene (PCE)	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Chlorobenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Ethylbenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
m & p-Xylene	<SRL	U	1	2.08	<SRL	U	1	1.71	1.00
Bromoform	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Styrene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
o-Xylene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,2,3-Trichloropropane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
α-Pinene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
2-Chlorotoluene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
n-Propylbenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
4-Ethyltoluene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
β-Pinene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,3-Dichlorobenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,4-Dichlorobenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Sec-ButylBenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,2-Dichlorobenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
n-ButylBenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Naphthalene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
Hexachlorobutadiene	<SRL	U	1	1.04	<SRL	U	1	0.85	0.50
BFB-Surrogate Std. % Recovery		95%				99%			70-130%

U - Compound was not detected at or above the SRL.

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243164
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/24/2024
DATE REPORTED : 01/03/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-06			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	243164-69246				
Date Sampled	12/23/2024				
Date Analyzed	01/02/2025				
Can Dilution Factor	2.37				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	1.18	0.50
Propene	<SRL	U	1	2.37	1.00
Dichlorodifluoromethane	<SRL	U	1	1.18	0.50
Dimethyl Ether	<SRL	U	1	1.18	0.50
Chloromethane	<SRL	U	1	1.18	0.50
Dichlorotetrafluoroethane	<SRL	U	1	1.18	0.50
Vinyl Chloride	<SRL	U	1	1.18	0.50
Acetaldehyde	<SRL	U	1	11.8	5.00
Methanol	<SRL	U	1	11.8	5.00
1,3-Butadiene	<SRL	U	1	1.18	0.50
Bromomethane	<SRL	U	1	1.18	0.50
Chloroethane	<SRL	U	1	1.18	0.50
Dichlorofluoromethane	<SRL	U	1	1.18	0.50
Ethanol	<SRL	U	1	4.73	2.00
Vinyl Bromide	<SRL	U	1	1.18	0.50
Acrolein	<SRL	U	1	2.37	1.00
Acetone	7.24		1	4.73	2.00
Trichlorofluoromethane	<SRL	U	1	1.18	0.50
2-Propanol (IPA)	<SRL	U	1	4.73	2.00
Acrylonitrile	<SRL	U	1	2.37	1.00
1,1-Dichloroethene	<SRL	U	1	1.18	0.50
Methylene Chloride (DCM)	<SRL	U	1	2.37	1.00
TertButanol (TBA)	<SRL	U	1	1.18	0.50
Allyl Chloride	<SRL	U	1	2.37	1.00
Carbon Disulfide	<SRL	U	1	4.73	2.00
Trichlorotrifluoroethane	<SRL	U	1	1.18	0.50
trans-1,2-Dichloroethene	<SRL	U	1	1.18	0.50
1,1-Dichloroethane	<SRL	U	1	1.18	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	1.18	0.50
Vinyl Acetate	<SRL	U	1	1.18	0.50
2-Butanone (MEK)	<SRL	U	1	2.37	1.00
cis-1,2-Dichloroethene	<SRL	U	1	1.18	0.50
Hexane	<SRL	U	1	1.18	0.50
Chloroform	<SRL	U	1	1.18	0.50
Ethyl Acetate	<SRL	U	1	1.18	0.50
Tetrahydrofuran	<SRL	U	1	1.18	0.50
1,2-Dichloroethane	<SRL	U	1	1.18	0.50
1,1,1-Trichloroethane	<SRL	U	1	1.18	0.50
Benzene	<SRL	U	1	1.18	0.50

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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 243164
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 12/24/2024
DATE REPORTED : 01/03/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-06			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	243164-69246				
Date Sampled	12/23/2024				
Date Analyzed	01/02/2025				
Can Dilution Factor	2.37				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	1.18	0.50
Cyclohexane	<SRL	U	1	1.18	0.50
1,2-Dichloropropane	<SRL	U	1	1.18	0.50
Bromodichloromethane	<SRL	U	1	1.18	0.50
1,4-Dioxane	<SRL	U	1	2.37	1.00
Trichloroethene (TCE)	<SRL	U	1	1.18	0.50
2,2,4-Trimethylpentane	<SRL	U	1	1.18	0.50
Methyl Methacrylate	<SRL	U	1	1.18	0.50
Heptane	<SRL	U	1	1.18	0.50
cis-1,3-Dichloropropene	<SRL	U	1	1.18	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	1.18	0.50
trans-1,3-Dichloropropene	<SRL	U	1	1.18	0.50
1,1,2-Trichloroethane	<SRL	U	1	1.18	0.50
Toluene	<SRL	U	1	1.18	0.50
2-Hexanone (MBK)	<SRL	U	1	2.37	1.00
Dibromochloromethane	<SRL	U	1	1.18	0.50
1,2-Dibromoethane	<SRL	U	1	1.18	0.50
Tetrachloroethene (PCE)	<SRL	U	1	1.18	0.50
Chlorobenzene	<SRL	U	1	1.18	0.50
Ethylbenzene	<SRL	U	1	1.18	0.50
m & p-Xylene	<SRL	U	1	2.37	1.00
Bromoform	<SRL	U	1	1.18	0.50
Styrene	<SRL	U	1	1.18	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	1.18	0.50
o-Xylene	<SRL	U	1	1.18	0.50
1,2,3-Trichloropropane	<SRL	U	1	1.18	0.50
Isopropylbenzene (Cumene)	<SRL	U	1	1.18	0.50
α-Pinene	<SRL	U	1	1.18	0.50
2-Chlorotoluene	<SRL	U	1	1.18	0.50
n-Propylbenzene	<SRL	U	1	1.18	0.50
4-Ethyltoluene	<SRL	U	1	1.18	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	1.18	0.50
β-Pinene	<SRL	U	1	1.18	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	1.18	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	1.18	0.50
1,3-Dichlorobenzene	<SRL	U	1	1.18	0.50
1,4-Dichlorobenzene	<SRL	U	1	1.18	0.50
Sec-ButylBenzene	<SRL	U	1	1.18	0.50
1,2-Dichlorobenzene	<SRL	U	1	1.18	0.50
n-ButylBenzene	<SRL	U	1	1.18	0.50
1,2-Dibromo-3-Chloropropane	<SRL	U	1	1.18	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	1.18	0.50
Naphthalene	<SRL	U	1	1.18	0.50
Hexachlorobutadiene	<SRL	U	1	1.18	0.50
BFB-Surrogate Std. % Recovery		101%			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 : 243164
MATRIX : AIR

DATE RECEIVED : 12/24/2024
DATE REPORTED : 01/03/2025
ANALYST : DL/CH

Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Limonene ppb (v/v)	Canister Dilution Factor	Analysis Dilution Factor	Sample RL (RL x DF's) ppb (v/v)	Method RL ppb (v/v)	BFB-Surrogate Std. % Recovery*
MS-07	243164-69242	12/23/2024	01/02/2025	<SRL	1.56	1.0	0.78	0.5	97%
MS-08	243164-69243	12/23/2024	01/02/2025	<SRL	1.54	1.0	0.77	0.5	98%
MS-09	243164-69244	12/23/2024	01/02/2025	<SRL	2.08	1.0	1.04	0.5	95%
MS-10	243164-69245	12/23/2024	01/02/2025	<SRL	1.71	1.0	0.85	0.5	99%
MS-06	243164-69246	12/23/2024	01/02/2025	<SRL	2.37	1.0	1.18	0.5	101%

* Acceptable range for BFB-Surrogate Std. % Recovery is 70-130%
RL - Reporting Limit
U - Compound was not detected at or above the Sample RL.

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QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/02/2025
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 12/03/2024 Calibration

Analyte Compounds	*Source* [1]	*CCV* [2]	*% Recovery* [3]
4-BFB (surrogate standard)	9.40	9.48	101
Chlorodifluoromethane	10.20	10.69	105
Propene	10.70	10.93	102
Dichlorodifluoromethane	10.40	11.06	106
Dimethyl Ether	10.10	10.75	106
Chloromethane	10.50	10.06	96
Dichlorotetrafluoroethane	10.20	10.36	102
Vinyl Chloride	10.60	10.82	102
Acetaldehyde	20.90	20.84	100
Methanol	20.40	21.91	107
1,3-Butadiene	10.70	11.25	105
Bromomethane	10.40	10.56	102
Chloroethane	10.40	10.52	101
Dichlorofluoromethane	10.10	10.54	104
Ethanol	11.40	10.56	93
Vinyl Bromide	10.10	9.89	98
Acrolein	10.90	9.76	90
Acetone	10.60	11.06	104
Trichlorofluoromethane	10.50	10.81	103
2-Propanol (IPA)	11.00	10.67	97
Acrylonitrile	11.10	10.68	96
1,1-Dichloroethene	10.50	10.92	104
Methylene Chloride (DCM)	10.40	10.75	103
TertButanol (TBA)	11.20	11.23	100
Allyl Chloride	10.20	10.81	106
Carbon Disulfide	10.50	10.68	102
Trichlorotrifluoroethane	10.30	10.80	105
trans-1,2-Dichloroethene	10.80	11.85	110
1,1-Dichloroethane	10.70	11.15	104
Methyl Tert Butyl Ether (MTBE)	10.70	11.74	110
Vinyl Acetate	11.00	10.50	95
2-Butanone (MEK)	10.70	11.24	105
cis-1,2-Dichloroethene	10.70	11.74	110
Hexane	10.80	11.28	104
Chloroform	10.70	11.27	105
Ethyl Acetate	10.70	10.83	101
Tetrahydrofuran	10.40	11.03	106
1,2-Dichloroethane	10.60	11.72	111
1,1,1-Trichloroethane	10.50	10.98	105
Benzene	10.70	10.86	101
Carbon Tetrachloride	10.30	10.07	98
Cyclohexane	10.50	10.24	98

Analyte Compounds (Continued)	*Source* [1]	*CCV* [2]	*% Recovery* [3]
1,2-Dichloropropane	10.70	10.85	101
Bromodichloromethane	10.50	10.12	96
1,4-Dioxane	10.50	10.03	96
Trichloroethene (TCE)	10.50	10.29	98
2,2,4-Trimethylpentane	10.10	9.99	99
Methyl Methacrylate	11.00	10.64	97
Heptane	10.50	10.96	104
cis-1,3-Dichloropropene	10.50	10.50	100
4-Methyl-2-pentanone (MiBK)	10.50	9.93	95
trans-1,3-Dichloropropene	10.60	10.35	98
1,1,2-Trichloroethane	10.60	9.29	88
Toluene	10.80	10.89	101
2-Hexanone (MBK)	10.50	10.20	97
Dibromochloromethane	10.60	9.92	94
1,2-Dibromoethane	10.60	10.33	97
Tetrachloroethene (PCE)	10.50	10.35	99
Chlorobenzene	10.80	10.74	99
Ethylbenzene	10.60	10.92	103
m & p-Xylene	21.20	21.59	102
Bromoform	10.60	9.90	93
Styrene	10.60	10.91	103
1,1,2,2-Tetrachloroethane	10.60	9.82	93
o-Xylene	10.60	10.85	102
1,2,3-Trichloropropane	11.00	11.19	102
Isopropylbenzene (Cumene)	10.40	10.62	102
α-Pinene	10.80	10.74	99
2-Chlorotoluene	10.30	10.58	103
n-Propylbenzene	10.10	10.40	103
4-Ethyltoluene	10.40	10.30	99
1,3,5-Trimethylbenzene	10.30	10.40	101
β-Pinene	10.90	10.42	96
1,2,4-Trimethylbenzene	10.30	10.28	100
Benzyl Chloride (a-Chlorotoluene)	10.30	9.43	92
1,3-Dichlorobenzene	10.30	10.62	103
1,4-Dichlorobenzene	10.20	10.45	102
Sec-ButylBenzene	10.00	9.93	99
1,2-Dichlorobenzene	10.40	10.46	101
n-ButylBenzene	10.20	10.03	98
1,2-Dibromo-3-Chloropropane	10.10	9.33	92
1,2,4-Trichlorobenzene	10.50	10.61	101
Naphthalene	10.90	11.23	103
Hexachlorobutadiene	10.80	9.96	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%.

* - β-Pinene results are estimated.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 01/02/2025
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
CALIBRATION STD ID : MS1-103024-02
ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS [1] Recovery*	*LCSD [1] Recovery*	*LCS [1] % Recovery [2]*	*LCSD [1] % Recovery [2]*	*RPD [3]*
4-BFB (surrogate standard)	0.0	9.40	9.48	9.42	101	100	0.6
1,1-Dichloroethene	0.0	10.50	10.92	11.02	104	105	0.9
Methylene Chloride (DCM)	0.0	10.40	10.75	11.37	103	109	5.6
Benzene	0.0	10.70	10.86	10.97	101	103	1.0
Trichloroethene (TCE)	0.0	10.50	10.29	10.55	98	100	2.5
Toluene	0.0	10.80	10.89	10.85	101	100	0.4
Tetrachloroethene (PCE)	0.0	10.50	10.35	10.45	99	100	1.0
Chlorobenzene	0.0	10.80	10.74	10.72	99	99	0.2
Ethylbenzene	0.0	10.60	10.92	10.88	103	103	0.4
m & p-Xylene	0.0	21.20	21.59	21.32	102	101	1.3
o-Xylene	0.0	10.60	10.85	10.79	102	102	0.6

[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 : 01/02/2025 | **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 010225*	*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 010225*	*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 : 01/02/2025
MATRIX : Air
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04
ANALYST : DL
DILUTION FACTOR[1] : x1.17

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 243095-68891

Analyte Compounds	*Sample*	*Duplicate*	*RPD*[2]
4-BFB (surrogate standard)	9.26	9.28	0.2
Chlorodifluoromethane	<SRL	<SRL	
Propene	<SRL	<SRL	
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol J	2.97	2.58	13.9
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	2.88	2.42	17.2
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	<SRL	<SRL	
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	<SRL	<SRL	
TertButanol (TBA)	<SRL	<SRL	
Allyl Chloride	<SRL	<SRL	
Carbon Disulfide	<SRL	<SRL	
Trichlorotrifluoroethane	<SRL	<SRL	
trans-1,2-Dichloroethene	<SRL	<SRL	
1,1-Dichloroethane	<SRL	<SRL	
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	
Vinyl Acetate	<SRL	<SRL	
2-Butanone (MEK)	<SRL	<SRL	
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	<SRL	<SRL	
Chloroform	<SRL	<SRL	
Ethyl Acetate	<SRL	<SRL	
Tetrahydrofuran	<SRL	<SRL	
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	<SRL	<SRL	
Carbon Tetrachloride	<SRL	<SRL	
Cyclohexane	<SRL	<SRL	

Analyte Compounds (Continued)	*Sample*	*Duplicate*	*RPD*[2]
1,2-Dichloropropane	<SRL	<SRL	
Bromodichloromethane	<SRL	<SRL	
1,4-Dioxane	<SRL	<SRL	
Trichloroethene (TCE)	<SRL	<SRL	
2,2,4-Trimethylpentane	<SRL	<SRL	
Methyl Methacrylate	<SRL	<SRL	
Heptane	<SRL	<SRL	
cis-1,3-Dichloropropene	<SRL	<SRL	
4-Methyl-2-pentanone (MiBK)	<SRL	<SRL	
trans-1,3-Dichloropropene	<SRL	<SRL	
1,1,2-Trichloroethane	<SRL	<SRL	
Toluene	<SRL	<SRL	
2-Hexanone (MBK)	<SRL	<SRL	
Dibromochloromethane	<SRL	<SRL	
1,2-Dibromoethane	<SRL	<SRL	
Tetrachloroethene (PCE)	<SRL	<SRL	
Chlorobenzene	<SRL	<SRL	
Ethylbenzene	<SRL	<SRL	
m & p-Xylene	<SRL	<SRL	
Bromoform	<SRL	<SRL	
Styrene	<SRL	<SRL	
1,1,2,2-Tetrachloroethane	<SRL	<SRL	
o-Xylene	<SRL	<SRL	
1,2,3-Trichloropropane	<SRL	<SRL	
Isopropylbenzene (Cumene)	<SRL	<SRL	
α-Pinene	<SRL	<SRL	
2-Chlorotoluene	<SRL	<SRL	
n-Propylbenzene	<SRL	<SRL	
4-Ethyltoluene	<SRL	<SRL	
1,3,5-Trimethylbenzene	<SRL	<SRL	
β-Pinene	<SRL	<SRL	
1,2,4-Trimethylbenzene	<SRL	<SRL	
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	
1,3-Dichlorobenzene	<SRL	<SRL	
1,4-Dichlorobenzene	<SRL	<SRL	
Sec-ButylBenzene	<SRL	<SRL	
1,2-Dichlorobenzene	<SRL	<SRL	
n-ButylBenzene	<SRL	<SRL	
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	
1,2,4-Trichlorobenzene	<SRL	<SRL	
Naphthalene	<SRL	<SRL	
Hexachlorobutadiene	<SRL	<SRL	

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.

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CHAIN OF CUSTODY RECORD 243164

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	12-23/24-24	0655-0655	69242	6L Summa Canister	x	x			-7 HG	002075 / 17588
~~MS-12~~	~~12-23/24-24~~	0705-0705	Do Not Analyze	6L Summa Canister	x	x			-23 HG	002040 / 19512
MS-08	12-23/24-24	0715-0715	69243	6L Summa Canister	x	x			-5 HG	002054 / 03530
MS-09	12-23/24-24	0725-0725	69244	6L Summa Canister	x	x			-13 HG	002155 / 02323
MS-10	12-23/24-24	0740-0740	69245	6L Summa Canister	x	x			-5 HG	002139 / 19508
MS-06	12-23/24-24	0755-0755	69246	6L Summa Canister	x	x			-20 HG	002103 / 04604
~~MS-11~~	~~12-23/24-24~~	No Sample	Do Not Analyze	~~6L Summa Canister~~	x	x				~~002117 / 05082~~

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-24-24	0840			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/24/24	0840
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 can (2x ~~2x~~) 1x coated Encacts

CHAIN OF CUSTODY RECORD 243164

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	12-23/24-24	0655-0655	69247	10 Liter Bag	X					
MS-12	12-23/24-24	0705-0705	69248	10 Liter Bag	X					
MS-08	12-23/24-24	0715-0715	69249	10 Liter Bag	X					
MS-09	12-23/24-24	0725-0725	69250	10 Liter Bag	X					
MS-10	12-23/24-24	0740-0740	69251	10 Liter Bag	X					
MS-06	12-23/24-24	0755-0755	69252	10 Liter Bag	X					
~~MS-11~~	~~12-23/24-24~~	~~No Sample~~	~~Do Not Analyze~~	~~10 Liter Bag~~	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-24-24	0840			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/27/24	0840
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. : 243164
REPORT DATE : 01/03/2025

On December 24th 2024, Atmospheric Analysis & Consulting, Inc. received five (5) Six-Liter Silonite Canisters and six (6) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)	Client ID	Lab No.
MS-07	243164-69242	653.5	MS-07	243164-69247
-	-	-	MS-12	243164-69248
MS-08	243164-69243	663.5	MS-08	243164-69249
MS-09	243164-69244	490.0	MS-09	243164-69250
MS-10	243164-69245	597.0	MS-10	243164-69251
MS-06	243164-69246	431.5	MS-06	243164-69252

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 7 pages.

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LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 243164
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/23-24/2024
RECEIVING DATE : 12/24/2024
ANALYSIS DATE : 12/24/2024
REPORT DATE : 01/03/2025

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-08	MS-09	MS-10	MS-06
AAC ID	243164-69242	243164-69243	243164-69244	243164-69245	243164-69246
Canister Dil. Fac.	1.56	1.54	2.08	1.71	2.37
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
COS / SO2	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Methyl Mercaptan	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Ethyl Mercaptan	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Dimethyl Sulfide	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Carbon Disulfide	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Isopropyl Mercaptan	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
tert-Butyl Mercaptan	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
n-Propyl Mercaptan	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Methylethylsulfide	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
sec-Butyl Mercaptan / Thiophene	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
iso-Butyl Mercaptan	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Diethyl Sulfide	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
n-Butyl Mercaptan	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Dimethyl Disulfide	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
2-Methylthiophene	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
3-Methylthiophene	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Tetrahydrothiophene	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Bromothiophene	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Thiophenol	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Diethyl Disulfide	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Total Unidentified Sulfur	< 0.008	< 0.008	< 0.010	< 0.009	< 0.012
Total Reduced Sulfurs	< 0.008	< 0.008	< 0.010	< 0.009	< 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. : 243164
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 12/23-24/2024
RECEIVING DATE : 12/24/2024
ANALYSIS DATE : 12/24/2024
REPORT DATE : 01/03/2025

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-07	MS-12	MS-08	MS-09	MS-10	MS-06
AAC ID	243164-69247	243164-69248	243164-69249	243164-69250	243164-69251	243164-69252
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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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/24/2024
Analyst: NR/DM
Units: ppbV

Instrument ID : SCD#10
Calb. Date: : 07/09/24

Opening Calibration Verification Standard

494.0 ppbV H2S (GC-091924-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11291	495	100.2	1.7
Duplicate	11598	509	102.9	1.0
Triplicate	11563	507	102.6	0.7

507.5 ppbV MeSH (GC-091924-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10737	530	104.4	0.0
Duplicate	10676	527	103.8	0.5
Triplicate	10790	532	104.9	0.5

480.5 ppbV DMS (GC-091924-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	13841	471	98.0	0.7
Duplicate	13955	475	98.8	0.1
Triplicate	14012	477	99.2	0.5

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243161-69233**

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 243161-69233 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	247.0	246.4	249.4	99.8	101.0	1.2
MeSH	<PQL	253.8	264.2	259.6	104.1	102.3	1.8
DMS	<PQL	240.3	237.9	234.8	99.0	97.7	1.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	494.0	498.9	101.0
MeSH	507.5	515.0	101.5
DMS	480.5	448.6	93.4

Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, * Must be < 5% RPD from Mean result.***

PQL = 50.0 ppbV
MDL =5.0 ppbV

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Quality Control/Quality Assurance Report
SCAQMD 307.91

Date Analyzed: 12/24/2024
Analyst: NR/DM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 09/13/2024

Opening Calibration Verification Standard

0.494 ppmV H2S (GC-091924-01)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	7322	0.515	104.2	1.7
Duplicate	7336	0.516	104.4	1.9
Triplicate	6943	0.488	98.8	3.6

0.508 ppmV MeSH (GC-091924-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	6378	0.532	104.8	0.2
Duplicate	6380	0.532	104.9	0.2
Triplicate	6341	0.529	104.2	0.4

0.481 ppmV DMS (GC-091924-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8053	0.470	97.8	1.2
Duplicate	7849	0.458	95.3	1.4
Triplicate	7972	0.465	96.8	0.2

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID 243161-69236**

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 243161-69236 x2**

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H_2S	<PQL	0.247	0.270	0.266	109.3	107.7	1.5
MeSH	<PQL	0.254	0.279	0.276	110.0	108.8	1.1
DMS	<PQL	0.240	0.263	0.264	109.5	109.9	0.4

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.494	0.508	102.8
MeSH	0.508	0.514	101.3
DMS	0.481	0.444	92.4

Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, * Must be < 5% RPD from Mean result.***

PQL = 0.05 ppmV
MDL = 0.005 ppmV

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CHAIN OF CUSTODY RECORD 243164

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	12-23/24-24	0655-0655	69242	6L Summa Canister	x	x			-7 HG	002075 / 17588
~~MS-12~~	~~12-23/24-24~~	0705-0705	Do Not Analyze	6L Summa Canister	x	x			~~-23 HG~~	~~002040 / 17512~~
MS-08	12-23/24-24	0715-0715	69243	6L Summa Canister	x	x			-5 HG	002054 / 03530
MS-09	12-23/24-24	0725-0725	69244	6L Summa Canister	x	x			-13 HG	002155 / 02323
MS-10	12-23/24-24	0740-0740	69245	6L Summa Canister	x	x			-5 HG	002139 / 19508
MS-06	12-23/24-24	0755-0755	69246	6L Summa Canister	x	x			-20 HG	002103 / 04604
~~MS-11~~	~~12-23/24-24~~	No Sample	Do Not Analyze	~~6L Summa Canister~~	x	x				~~002117 / 05082~~

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-24-24	0840			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/24/24	0840
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

(2 of 2)

CHAIN OF CUSTODY RECORD 243164

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	12-23/24-24	0655-0655	69247	10 Liter Bag	X					
MS-12	12-23/24-24	0705-0705	69248	10 Liter Bag	X					
MS-08	12-23/24-24	0715-0715	69249	10 Liter Bag	X					
MS-09	12-23/24-24	0725-0725	69250	10 Liter Bag	X					
MS-10	12-23/24-24	0740-0740	69251	10 Liter Bag	X					
MS-06	12-23/24-24	0755-0755	69252	10 Liter Bag	X					
~~MS-11~~	~~12-23/24-24~~	~~No Sample~~	~~Do Not Analyze~~	~~10 Liter Bag~~	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-24-24	0840			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				12/27/24	0840
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

AAC Ventura

Appendix B

CTEH Supplementary Analysis of SCS Engineers' Q4 2024 EAMP Report

CTEH®

Date: February 14, 2025
To: Nicole Quick, MD, MPH, Deputy Director for Health Protection, Los Angeles County Department of Public Health
From: Pablo Sanchez Soria, PhD, CIH, Senior Toxicologist, Director of Health Sciences, CTEH
Subject: CTEH Supplementary Analysis of SCS Engineers' Fourth Quarter (October 1, 2024 – December 31, 2024) Community 24-hour Analytical Air Sampling Data

1. Overview and Summary of Findings

In accordance with the enhanced air monitoring program (EAMP) for Chiquita Canyon Landfill (CCL), SCS Engineers produced a quarterly report for the fourth quarter of 2024 (October 1, 2024, to December 31, 2024), summarizing the results from air quality data collected in accordance with the 2019 Community Air Monitoring Plan (CAMP) prepared by SCS Engineers in collaboration with CCL, the Los Angeles County Department of Public Health (DPH), and the Los Angeles County Department of Public Works (DPW). At the request of CCL, and in response to DPH's June 6, 2024, letter (Letter), CTEH has prepared this report to provide a supplementary analysis of SCS Engineers' analytical air sampling data pertaining to the evaluation of public health risks.

The following summarizes CTEH's findings from 24-hour "*time-composited*" air samples collected by SCS Engineers across the community near CCL during the fourth quarter of 2024 and provides a summary of the methodology used to conduct the analysis.

SCS Engineers collected air samples for the analysis of volatile organic compounds (VOCs) and total reduced sulfur (TRS) compounds. Full laboratory results are provided in SCS Engineers quarterly report. Of all the analytes evaluated in the 24-hour samples deployed across seven community locations (MS-06 – MS-12), none of the samples had detectable levels of any analyte above corresponding Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Levels (RELs). Consequently, there were no documented exceedances of OEHHA Chronic RELs.

Similarly, no detections above Acute RELs were observed across SCS Engineers' 24-hour analytical air samples collected throughout the fourth quarter of 2024.

2. Data Evaluation and Methodology

Data Selection for Health-Based Screening Level Assessment

Community Data

SCS Engineers' fourth quarterly report of 2024 includes data collected from multiple locations, including locations within the landfill, across the perimeter of CCL, and throughout the community. To evaluate potential health risks for residents near the CCL, concentrations of VOCs and TRS compounds were evaluated throughout the community air sampling locations, including MS-06 – MS-12. For this reason, all data from MS-01 – MS-05, located within the landfill or on the landfill's immediate perimeter, were excluded from this analysis. A figure illustrating these sampling locations is provided in **Appendix A**.

24-hour Analytical Data

While community locations selected by SCS Engineers for air monitoring and sampling also include three additional locations beyond MS-06 – MS-12 (S. End Lincoln, Santa Clarita Valley (SCV) and Chiquito Canyon Road), none of these locations included samples collected over a 24-hour period. In this regard, all data from grab samples were excluded from this analysis. Additionally, while SCS Engineers is also collecting air quality data via continuous air monitoring stations across various perimeter and community locations, CTEH has not evaluated these data to make conclusions about public health risks because CTEH is not familiar with the quality assurance and quality control procedures in place for these data.

OEHHA RELs

Analytical results from SCS Engineers' 24-hour samples were compared to OEHHA Chronic RELs, where available. A list of RELs is available on OEHHA's website[1]. These RELs serve as health-protective benchmarks for chronic exposures (chronic being for a period of 1-year to a lifetime), and they are based on the most sensitive health effects reported in scientific literature. OEHHA RELs are designed to protect the most sensitive individuals in the population, including children, the elderly, and those with pre-existing health conditions. OEHHA RELs are airborne concentrations of chemicals at or below which no adverse health effects are anticipated in individuals indefinitely exposed to that level. Due to the conservative nature of health-protective screening levels such as these, it is important to note that exceedances of chronic RELs from single 24-hour sample results do not necessarily indicate that health risks are anticipated. Rather, they may indicate that additional investigation is warranted.

Analysis

To assess whether exceedances of OEHHA Chronic RELs were observed, results were averaged throughout the quarter by sampling location[2]. In addition, individual results from single 24-hour samples were compared against OEHHA Chronic RELs screening values[3] to assess whether additional investigation may be warranted. (i.e., assess trends, wind direction, or other patterns informative of potential sources). The individual 24-hour sampling results may be reported as above or below OEHHA Chronic RELs, rather than "exceedance" or "non-exceedance" because individual 24-hour samples do not indicate the potential

[1] https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary
[2] Average concentrations include non-detections at one half of the reporting limit, per standard risk assessment practice.
[3] Individual 24-hour samples were also compared against OEHHA Acute RELs for sake of completeness. No detections above Acute RELs were observed.

health risks for which Chronic RELs are protective over *chronic* exposure durations. No detections above the OEHHA Chronic REL were observed, as discussed in Section 1, above. Individual 24-hour samples were also compared against OEHHA Acute RELs. No detections above Acute RELs were observed across SCS Engineers' 24-hour analytical air samples collected throughout the fourth quarter of 2024.

Appendix A. SCS Engineers 24-hour Community Air Sampling Locations

