

21 de mayo de 2024
Archivo No. 01204123.21

Dr. Muntu Davis, M.D., M.P.H.
Funcionario de Salud
Departamento de Salud Pública
Salud Ambiental
5050 Commerce Drive
Baldwin Park, California 91706

Asunto: Datos del Programa Mensual Mejorado de Monitoreo del Aire, abril de 2024, Vertedero de Chiquita Canyon

Estimado Dr. Davis:

Esta presentación fue elaborada por el Departamento de Salud Pública (DPH) del Condado de Los Ángeles por **SCS Engineers** (SCS) en nombre de Chiquita Canyon, LLC (Chiquita) como parte de la recomendación de elaborar informes mensuales detallada en la carta del 15 de agosto de 2023 que le entregó Chiquita al DPH (Plan de Trabajo).

Según el Plan de Trabajo, SCS preparó esta presentación que contiene datos analíticos de las muestras semanales y datos del monitoreo continuo de dos estaciones de monitoreo mejoradas (MS-04 y MS-12). A continuación se proporciona una descripción de los datos incluidos en la presentación.

Datos de las Tomas de Muestras Semanales

Los datos de las muestras semanales incluyen muestras dispersas tomadas de forma discreta en las 12 estaciones de monitoreo de aire existentes (MS- 01 a MS-12) (observe la **Figura 1**) con una lista ampliada de compuestos orgánicos volátiles (VOC) utilizando el Método 15 (TO-15) de la Agencia de Protección Ambiental (EPA) de EE.UU., compuestos de azufre utilizando el Método 307.91 del Distrito de Gestión de la Calidad del Aire de la Costa Sur (SCAQMD) y de olores, usando un Olfatómetro Portátil de Seis Estaciones Scentroid SS400 (SS400), que es un método que cumple con E679-04. Los resultados de las muestras dispersas semanales de abril de 2024 y las muestras de olor se encuentran en el **Adjunto A** y en el **Adjunto B** respectivamente.

Además, los datos analíticos crudos semanales también incluyen muestras tomadas cada 24 horas en cada una de las siete ubicaciones de las estaciones de monitoreo fuera del sitio (MS-06 a MS-12). Se analizan las muestras sobre los mismos constituyentes que en el análisis de muestras dispersas semanal. Los resultados de las muestras tomadas cada 24 horas de abril se encuentran en el **Adjunto C**.

Datos del Monitoreo Continuo Mejorado

En agosto de 2023, SCS instaló módulos de monitoreo de aire continuo en las estaciones existentes MS-04 y MS-12. Los monitores analizan benceno, tolueno, etilbenceno y xilenos totales (BTEX), como también el azufre total reducido (TRS). La intención de la instalación del nuevo módulo de monitores es evaluar los datos para determinar si estos módulos deberían ser incorporados en las estaciones de monitoreo de aire existentes de forma permanente, comparando los datos con los datos de laboratorio y cargando los datos para ver cómo los datos en tiempo real se correlacionan con los datos de laboratorio de las muestras tomadas en el mismo momento.

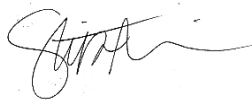
El 27 de febrero de 2024, la unidad TRS en MS-12 fue reubicada a MS-04 para reemplazar la unidad TRS en el sitio que necesitaba reparaciones. Además, la unidad BTEX existente fue retirada de MS-12 el 26 de marzo de 2024



para hacer espacio para la instalación de la unidad de microcromatógrafos de gases (GC) ya que no había espacio disponible dentro del recinto permitido actual. El retiro de la unidad BTEX fue conversado en el Plan de Trabajo para la Modificación del Programa de Monitoreo de Aire Mejorado con fecha 29 de enero de 2024 presentado al DPH y al SCAQMD. Los resultados de los datos de monitoreo continuo de BTEX y TRS de abril de 2024 de MS-04 se encuentran en el **Adjunto D** y en el **Adjunto E** respectivamente. Se debe tener en cuenta que la estación de monitoreo de TRS en MS-12 se sacó de servicio en marzo para que se le realicen reparaciones y se volvió a instalar el 23 de abril de 2024; además, el sistema de alimentación anterior no podía mantener el monitoreo continuo de TRS en el lugar, dando como resultado brechas en los datos durante el mes de abril. Además, el sistema de monitoreo del aire BTEX en MS-04 experimentó un evento de mal funcionamiento del módulo que también causó brechas en los datos. SCS se puso en contacto con el fabricante, para identificar e investigar la causa del mal funcionamiento de sistema de monitoreo BTEX de MS-04 en abril. Al 2 de mayo de 2024, la unidad BTEX en MS-04 fue retirada debido a inquietudes relacionadas con la fiabilidad detallados en las presentaciones del 29 de enero de 2024 y debido a los recientes eventos de mal funcionamiento en el sitio.

Si tiene alguna pregunta con respecto a esta presentación, por favor, comuníquese con uno de los firmantes llamando al (562) 426-9544.

Atentamente,



Stipe Markotic
Científico
SCS Engineers



Raymond H. Huff, REPA
Director del Proyecto
SCS Engineers

adjuntos

cc (con adjuntos):

Victor Yip (SCAQMD)
Pablo Sánchez-Soria (CTEH)
Edgar De La Torre (Departamento de Planificación Regional del Condado de LA) David
Nguyen (PW)
Douglas Cross (Junta de Control de Recursos de Agua) Shikari
Nakagawa-Ota (DPH)
Liza Frías (DPH)
Nichole Quick (DPH)
Joshua Bobrowsky (DPH)
Jacob Kraemer (DPH)
Robert Ragland (DPH)
Blaine McPhillips (Asesor del Condado), Mark
Como (DPH)
Steve Cassulo (CCL)

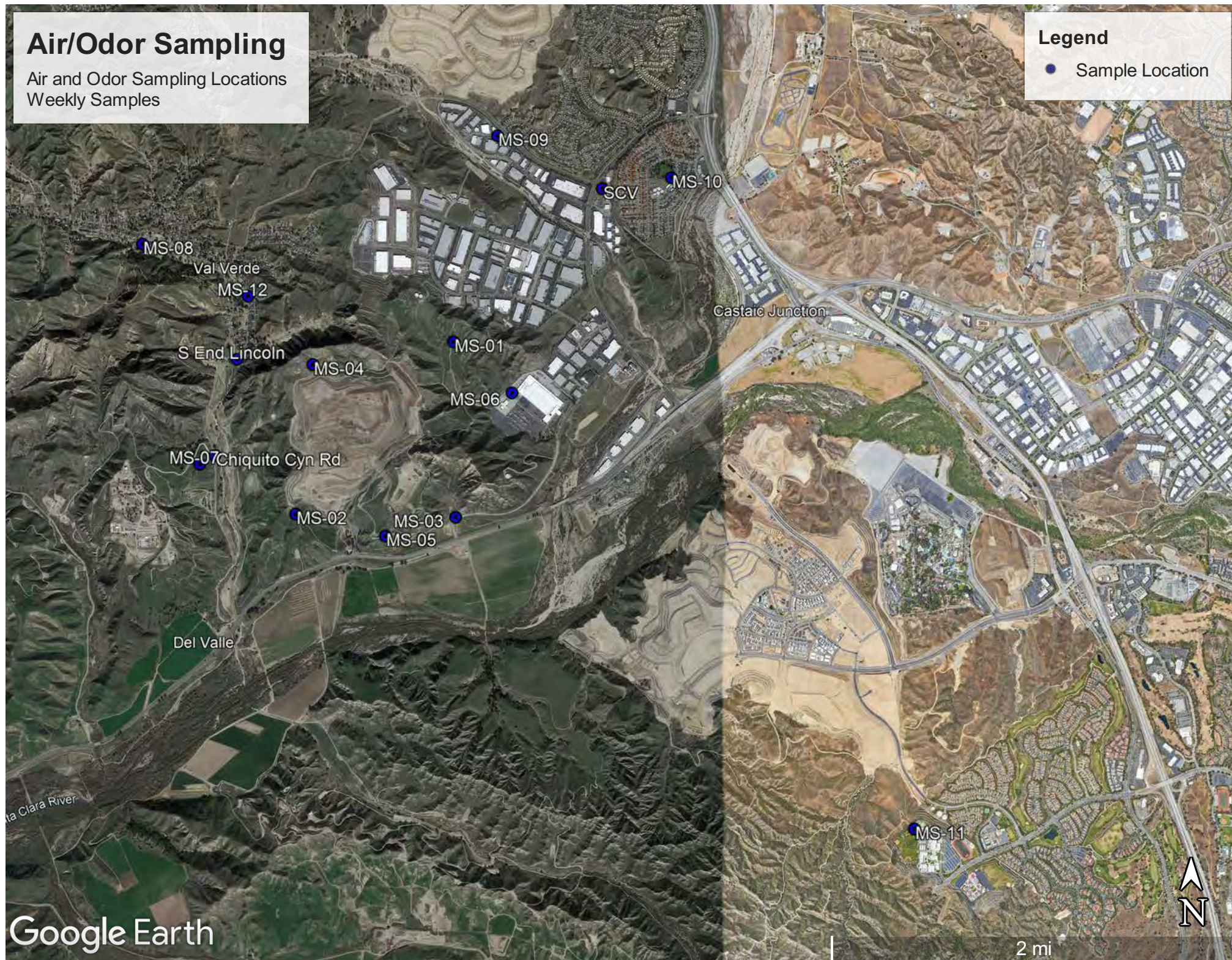
FIGURE 1
MAP OF AIR MONITORING LOCATIONS

Air/Odor Sampling

Air and Odor Sampling Locations
Weekly Samples

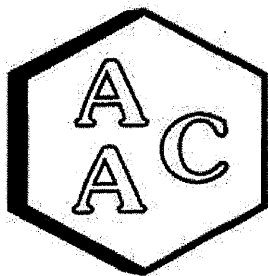
Legend

● Sample Location



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. : 240716
REPORT DATE : 04/04/2024

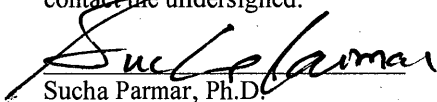
On April 2, 2024, Atmospheric Analysis & Consulting, Inc. received fourteen (14) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)	Client ID	Lab ID	Return Pressure (mmHga)
MS-06	240716-56151	725.0	S End Lincoln	240716-56158	713.0
MS-07	240716-56152	718.5	Chiquita Cyn Rd	240716-56159	726.5
MS-08	240716-56153	710.0	MS-03	240716-56160	730.0
MS-09	240716-56154	736.0	MS-04	240716-56161	691.5
MS-10	240716-56155	737.0	MS-05	240716-56162	707.0
MS-12	240716-56156	719.5	Reaction	240716-56163	761.0
SCV	240716-56157	734.0	Working Face	240716-56164	704.0

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.

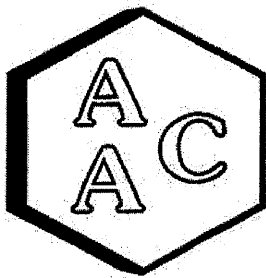
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

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 24 pages.





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

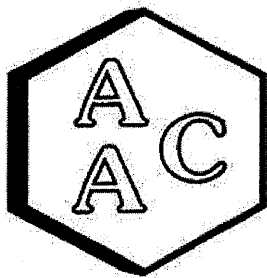
CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>	MS-06			Sample Reporting Limit (SRL) (MRLxDf's)	MS-07			Sample Reporting Limit (SRL) (MRLxDf's)	Method Reporting Limit (MRL)
<i>AAC ID</i>	240716-56151				240716-56152				
<i>Date Sampled</i>	04/01/2024				04/01/2024				
<i>Date Analyzed</i>	04/03/2024				04/03/2024				
<i>Can Dilution Factor</i>	1.40				1.42				
<i>Compound</i>	Result	Qualifier	Analysis Df		Result	Qualifier	Analysis Df		
Chlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.40	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chloromethane	<SRL	U	1	0.70	0.74		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
Methanol	<SRL	U	1	7.01	12.8		1	7.12	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	4.71		1	2.80	42.5		1	2.85	2.00
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Acetone	<SRL	U	1	2.80	5.77		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	3.58		1	2.85	2.00
Acrylonitrile	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,1-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.40	<SRL	U	1	1.42	1.00
Allyl Chloride	<SRL	U	1	1.40	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.80	<SRL	U	1	2.85	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	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.70	1.24		1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.70	0.77		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	0.84		1	0.71	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

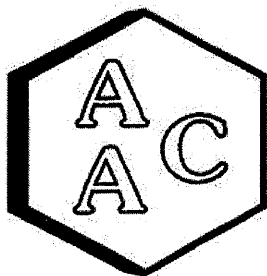
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DATE REPORTED : 04/04/2024
ANALYST : DL/CH

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	240716-56151				240716-56152				
Date Sampled	04/01/2024				04/01/2024				
Date Analyzed	04/03/2024				04/03/2024				
Can Dilution Factor	1.40				1.42				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.40	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
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	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.40	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		91%				95%			70-130%

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





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Laboratory Analysis Report

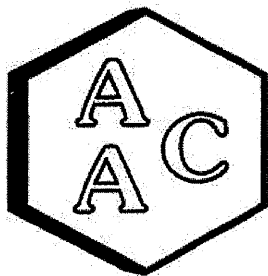
CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
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		240716-56153			240716-56154				
Date Sampled		04/01/2024			04/01/2024				
Date Analyzed		04/03/2024			04/03/2024				
Can Dilution Factor		1.43			1.38				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.38	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Chloromethane	0.82		1	0.72	<SRL	U	1	0.69	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Methanol	7.49		1	7.16	<SRL	U	1	6.90	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Ethanol	4.74		1	2.86	<SRL	U	1	2.76	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Acetone	3.78		1	2.86	20.2		1	2.76	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.76	2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.38	1.00
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.38	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.76	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.38	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Benzene	0.95		1	0.72	<SRL	U	1	0.69	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

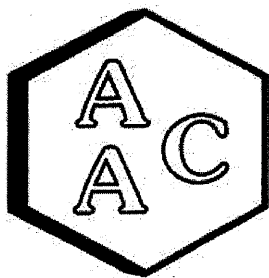
DATE RECEIVED : 04/02/2024
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ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-08			Sample Reporting Limit (SRL) (MRL×DF's)	MS-09			Sample Reporting Limit (SRL) (MRL×DF's)	Method Reporting Limit (MRL)
AAC ID	240716-56153				240716-56154				
Date Sampled	04/01/2024				04/01/2024				
Date Analyzed	04/03/2024				04/03/2024				
Can Dilution Factor	1.43				1.38				
Compound	Result	Qualifier	Analysis DF	(MRL×DF's)	Result	Qualifier	Analysis DF	(MRL×DF's)	
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.38	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.38	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.38	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.69	0.50
BFB-Surrogate Std. % Recovery		92%				90%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

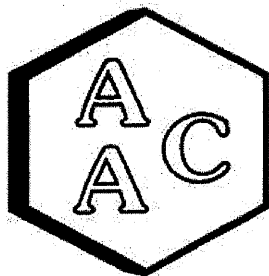
CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
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		240716-56155			240716-56156				
Date Sampled		04/01/2024			04/01/2024				
Date Analyzed		04/03/2024			04/03/2024				
Can Dilution Factor		1.38			1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
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
Methanol	<SRL	U	1	6.90	13.9		1	7.08	5.00
1,3-Butadiene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Ethanol	<SRL	U	1	2.76	19.0		1	2.83	2.00
Vinyl Bromide	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Acetone	<SRL	U	1	2.76	5.35		1	2.83	2.00
Trichlorofluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.76	<SRL	U	1	2.83	2.00
Acrylonitrile	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Allyl Chloride	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.76	<SRL	U	1	2.83	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.69	0.98		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	1.12		1	0.71	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

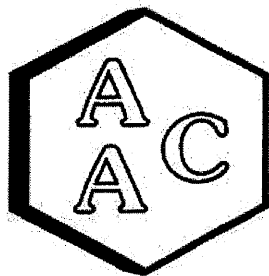
DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

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		240716-56155			240716-56156				
Date Sampled		04/01/2024			04/01/2024				
Date Analyzed		04/03/2024			04/03/2024				
Can Dilution Factor		1.38			1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		93%				89%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

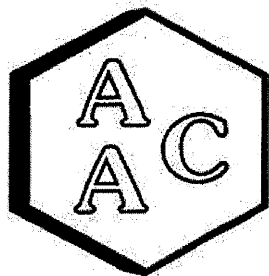
CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	SCV			Sample Reporting Limit (SRL) (MRLxDF's)	S End Lincoln			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240716-56157				240716-56158				
Date Sampled	04/01/2024				04/01/2024				
Date Analyzed	04/03/2024				04/03/2024				
Can Dilution Factor	1.38				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
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
Methanol	<SRL	U	1	6.91	16.8		1	7.11	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	46.7		1	2.85	2.00
Vinyl Bromide	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Acetone	2.78		1	2.77	5.88		1	2.85	2.00
Trichlorofluoromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.77	3.53		1	2.85	2.00
Acrylonitrile	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Allyl Chloride	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.77	<SRL	U	1	2.85	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.69	1.20		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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

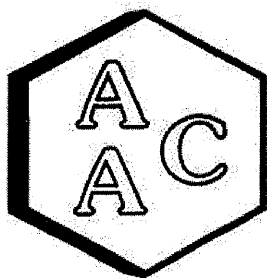
DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	SCV			Sample Reporting Limit (SRL) (MRLxDF's)	S End Lincoln			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240716-56157				240716-56158				
Date Sampled	04/01/2024				04/01/2024				
Date Analyzed	04/03/2024				04/03/2024				
Can Dilution Factor	1.38				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Cyclohexane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2-Dichloropropane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Bromodichloromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,4-Dioxane	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Trichloroethene (TCE)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Heptane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Toluene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
2-Hexanone (MBK)	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Dibromochloromethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,2-Dibromoethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Chlorobenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Ethylbenzene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
m & p-Xylene	<SRL	U	1	1.38	<SRL	U	1	1.42	1.00
Bromoform	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
Styrene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
o-Xylene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.69	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		92%				91%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

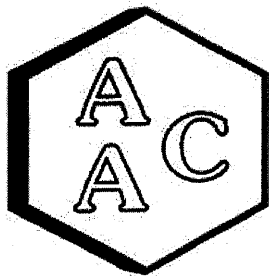
CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Chiquita Cyn Rd			Sample Reporting Limit (SRL) (MRLxDF's)	MS-03			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240716-56159				240716-56160				
Date Sampled	04/01/2024				04/01/2024				
Date Analyzed	04/03/2024				04/03/2024				
Can Dilution Factor	1.41				1.39				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Propene	<SRL	U	1	1.41	<SRL	U	1	1.39	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Chloromethane	0.74		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
Methanol	9.05		1	7.03	<SRL	U	1	6.96	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	33.1		1	2.81	3.83		1	2.78	2.00
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Acetone	6.00		1	2.81	<SRL	U	1	2.78	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.81	<SRL	U	1	2.78	2.00
Acrylonitrile	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.41	<SRL	U	1	1.39	1.00
Allyl Chloride	<SRL	U	1	1.41	<SRL	U	1	1.39	1.00
Carbon Disulfide	<SRL	U	1	2.81	<SRL	U	1	2.78	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Vinyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
2-Butanone (MEK)	<SRL	U	1	1.41	<SRL	U	1	1.39	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Hexane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Chloroform	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Ethyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Tetrahydrofuran	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,2-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Benzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

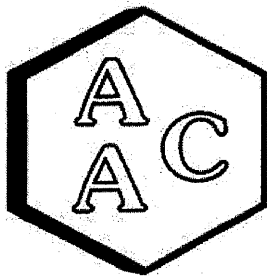
DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Chiquita Cyn Rd			Sample Reporting Limit (SRL) (MRLxDF's)	MS-03			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240716-56159				240716-56160				
Date Sampled	04/01/2024				04/01/2024				
Date Analyzed	04/03/2024				04/03/2024				
Can Dilution Factor	1.41				1.39				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Cyclohexane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,2-Dichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Bromodichloromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,4-Dioxane	<SRL	U	1	1.41	<SRL	U	1	1.39	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
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	1.41	<SRL	U	1	1.39	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	1.41	<SRL	U	1	1.39	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
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
BFB-Surrogate Std. % Recovery		92%				92%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

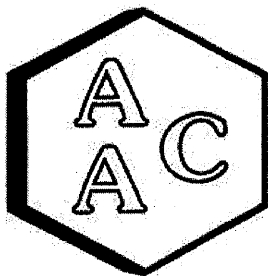
CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-04		Sample Reporting Limit (SRL) (MRLxDf's)	MS-05			Sample Reporting Limit (SRL) (MRLxDf's)	Method Reporting Limit (MRL)
AAC ID		240716-56161			240716-56162				
Date Sampled		04/01/2024			04/01/2024				
Date Analyzed		04/03/2024			04/03/2024				
Can Dilution Factor		1.47			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	2.01		1	1.47	<SRL	U	1	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.73	0.82		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
Methanol	13.3		1	7.34	10.7		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	27.6		1	2.93	<SRL	U	1	2.88	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acetone	7.19		1	2.93	<SRL	U	1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.93	<SRL	U	1	2.88	2.00
Acrylonitrile	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	<SRL	U	1	1.44	1.00
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.93	<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)	1.53		1	1.47	<SRL	U	1	1.44	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Hexane	6.91		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	0.88		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	2.95		1	0.73	<SRL	U	1	0.72	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

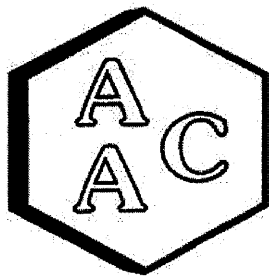
DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-04			Sample Reporting Limit (SRL) (MRLxDf's)	MS-05			Sample Reporting Limit (SRL) (MRLxDf's)	Method Reporting Limit (MRL)
AAC ID		240716-56161				240716-56162				
Date Sampled		04/01/2024				04/01/2024				
Date Analyzed		04/03/2024				04/03/2024				
Can Dilution Factor		1.47				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	1.89		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	1.47	<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	1.26		1	0.73	<SRL	U	1	0.72	0.50	
Heptane	1.09		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	2.08		1	0.73	<SRL	U	1	0.72	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.47	<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	1.47	<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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50	
BFB-Surrogate Std. % Recovery		93%				90%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

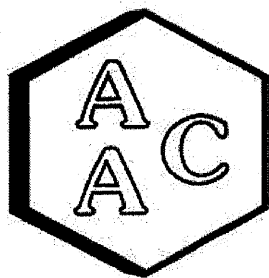
CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Reaction			Sample Reporting Limit (SRL) (MRLxDF's)	Working Face			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240716-56163				240716-56164				
Date Sampled	04/01/2024				04/01/2024				
Date Analyzed	04/03/2024				04/03/2024				
Can Dilution Factor	1.33				1.44				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.33	<SRL	U	1	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Chloromethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Methanol	<SRL	U	1	6.67	<SRL	U	1	7.21	5.00
1,3-Butadiene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Ethanol	14.8		1	2.67	26.3		1	2.88	2.00
Vinyl Bromide	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Acetone	3.47		1	2.67	4.36		1	2.88	2.00
Trichlorofluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.67	<SRL	U	1	2.88	2.00
Acrylonitrile	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,1-Dichloroethene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.33	<SRL	U	1	1.44	1.00
Allyl Chloride	<SRL	U	1	1.33	<SRL	U	1	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.67	<SRL	U	1	2.88	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,1-Dichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Vinyl Acetate	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
2-Butanone (MEK)	<SRL	U	1	1.33	<SRL	U	1	1.44	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240716
MATRIX : AIR
UNITS : PPB (v/v)

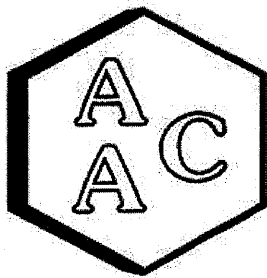
DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Reaction			Sample Reporting Limit (SRL) (MRLxDF's)	Working Face			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240716-56163				240716-56164				
Date Sampled	04/01/2024				04/01/2024				
Date Analyzed	04/03/2024				04/03/2024				
Can Dilution Factor	1.33				1.44				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Cyclohexane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,2-Dichloropropane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Bromodichloromethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,4-Dioxane	<SRL	U	1	1.33	<SRL	U	1	1.44	1.00
Trichloroethene (TCE)	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Heptane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Toluene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
2-Hexanone (MBK)	<SRL	U	1	1.33	<SRL	U	1	1.44	1.00
Dibromochloromethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,2-Dibromoethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Chlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Ethylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
m & p-Xylene	<SRL	U	1	1.33	<SRL	U	1	1.44	1.00
Bromoform	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Styrene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
o-Xylene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
4-Ethyltoluene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
Hexachlorobutadiene	<SRL	U	1	0.67	<SRL	U	1	0.72	0.50
BFB-Surrogate Std. % Recovery		91%				91%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

Dimethyl Sulfide via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 240716
MATRIX : AIR

DATE RECEIVED : 04/02/2024
DATE REPORTED : 04/04/2024
ANALYST : DL/CH

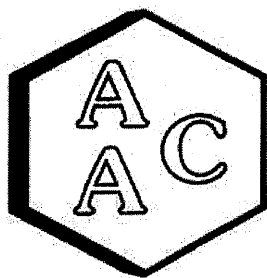
Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethylsulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	240716-56151	04/01/2024	04/03/2024	<SRL	U	1.40	1.0	91%
MS-07	240716-56152	04/01/2024	04/03/2024	<SRL	U	1.42	1.0	95%
MS-08	240716-56153	04/01/2024	04/03/2024	<SRL	U	1.43	1.0	92%
MS-09	240716-56154	04/01/2024	04/03/2024	<SRL	U	1.38	1.0	90%
MS-10	240716-56155	04/01/2024	04/03/2024	<SRL	U	1.38	1.0	93%
MS-12	240716-56156	04/01/2024	04/03/2024	0.88		1.42	1.0	89%
SCV	240716-56157	04/01/2024	04/03/2024	<SRL	U	1.38	1.0	92%
S End Lincoln	240716-56158	04/01/2024	04/03/2024	<SRL	U	1.42	1.0	91%
Chiquita Cyn Rd	240716-56159	04/01/2024	04/03/2024	<SRL	U	1.41	1.0	92%
MS-03	240716-56160	04/01/2024	04/03/2024	<SRL	U	1.39	1.0	92%
MS-04	240716-56161	04/01/2024	04/03/2024	<SRL	U	1.47	1.0	93%
MS-05	240716-56162	04/01/2024	04/03/2024	<SRL	U	1.44	1.0	90%
Reaction	240716-56163	04/01/2024	04/03/2024	<SRL	U	1.33	1.0	91%
Working Face	240716-56164	04/01/2024	04/03/2024	<SRL	U	1.44	1.0	91%

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

RL - Reporting Limit

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/03/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-112823-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 03/18/2024 Calibration

Analyte Compounds	Source ¹	CCV ²	% Recovery ³
4-BFB (surrogate standard)	9.40	9.42	100
Chlorodifluoromethane	10.30	11.29	110
Propene	10.70	11.85	111
Dichlorodifluoromethane	10.40	11.72	113
Dimethyl Ether	10.20	10.95	107
Chloromethane	10.50	10.64	101
Dichlorotetrafluoroethane	10.20	10.73	105
Vinyl Chloride	10.60	11.34	107
Acetaldehyde	21.00	24.94	119
Methanol	19.00	21.78	115
1,3-Butadiene	10.70	11.32	106
Bromomethane	10.40	10.93	105
Chloroethane	10.40	9.78	94
Dichlorofluoromethane	10.20	10.56	104
Ethanol	11.40	12.14	106
Vinyl Bromide	10.10	10.74	106
Acrolein	10.90	11.50	106
Acetone	10.60	10.39	98
Trichlorofluoromethane	10.50	11.31	108
2-Propanol (IPA)	11.00	12.23	111
Acrylonitrile	11.00	11.95	109
1,1-Dichloroethene	10.50	10.46	100
Methylene Chloride (DCM)	10.40	10.27	99
TertButanol (TBA)	11.10	12.79	115
Allyl Chloride	10.20	9.95	98
Carbon Disulfide	10.50	11.29	108
Trichlorotrifluoroethane	10.30	10.63	103
trans-1,2-Dichloroethene	10.80	11.08	103
1,1-Dichloroethane	10.70	10.87	102
Methyl Tert Butyl Ether (MTBE)	10.70	11.20	105
Vinyl Acetate	11.00	12.41	113
2-Butanone (MEK)	10.70	11.23	105
cis-1,2-Dichloroethene	10.70	10.78	101
Hexane	10.80	10.21	95
Chloroform	10.70	10.91	102
Ethyl Acetate	10.70	11.53	108
Tetrahydrofuran	10.40	10.50	101
1,2-Dichloroethane	10.60	10.97	103
1,1,1-Trichloroethane	10.50	11.25	107
Benzene	10.70	10.43	97
Carbon Tetrachloride	10.30	10.69	104
Cyclohexane	10.50	10.37	99

Analyte Compounds (Continued)	Source ¹	CCV ²	% Recovery ³
1,2-Dichloropropane	10.70	10.65	100
Bromodichloromethane	10.50	10.70	102
1,4-Dioxane	10.50	10.26	98
Trichloroethene (TCE)	10.50	10.37	99
2,2,4-Trimethylpentane	10.10	10.41	103
Methyl Methacrylate	11.00	11.33	103
Heptane	10.50	10.35	99
cis-1,3-Dichloropropene	10.50	10.59	101
4-Methyl-2-pentanone (MiBK)	10.50	10.63	101
trans-1,3-Dichloropropene	10.60	10.69	101
1,1,2-Trichloroethane	10.60	10.14	96
Toluene	10.80	10.29	95
2-Hexanone (MBK)	10.50	11.22	107
Dibromochloromethane	10.60	10.76	102
1,2-Dibromoethane	10.60	10.54	99
Tetrachloroethene (PCE)	10.50	9.99	95
Chlorobenzene	10.80	10.30	95
Ethylbenzene	10.60	10.39	98
m & p-Xylene	21.20	19.72	93
Bromoform	10.60	10.64	100
Styrene	10.60	10.79	102
1,1,2,2-Tetrachloroethane	10.60	10.13	96
o-Xylene	10.60	10.28	97
1,2,3-Trichloropropane	11.00	11.00	100
Isopropylbenzene (Cumene)	10.40	10.02	96
α-Pinene	10.80	9.96	92
2-Chlorotoluene	10.30	10.21	99
n-Propylbenzene	10.10	9.55	95
4-Ethyltoluene	10.40	9.79	94
1,3,5-Trimethylbenzene	10.30	9.70	94
β-Pinene	10.90	9.57	88
1,2,4-Trimethylbenzene	10.30	9.73	94
Benzyl Chloride (α-Chlorotoluene)	10.30	10.34	100
1,3-Dichlorobenzene	10.30	9.90	96
1,4-Dichlorobenzene	10.20	9.92	97
Sec-ButylBenzene	10.10	9.71	96
1,2-Dichlorobenzene	10.40	9.98	96
n-ButylBenzene	10.30	10.24	99
1,2-Dibromo-3-Chloropropane	10.30	10.27	100
1,2,4-Trichlorobenzene	10.50	10.95	104
Naphthalene	10.90	12.08	111
Hexachlorobutadiene	10.80	9.98	92

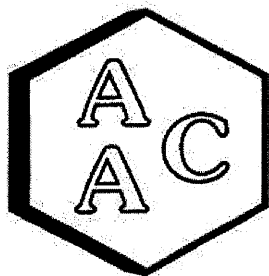
¹ Concentration of analyte compound in certified source standard.

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

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

* - β-Pinene results are estimated.





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/03/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-112823-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

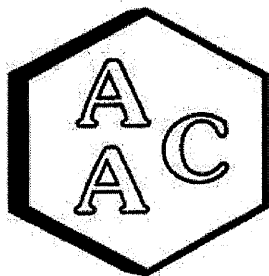
System Monitoring Compounds	Sample Concentration	Spike Added	LCS ¹ Recovery	LCSD ¹ Recovery	LCS ¹ % Recovery ²	LCSD ¹ % Recovery ²	RPD ³
4-BFB (surrogate standard)	0.0	9.40	9.42	9.41	100	100	0.1
1,1-Dichloroethene	0.0	10.50	10.46	10.60	100	101	1.3
Methylene Chloride (DCM)	0.0	10.40	10.27	10.39	99	100	1.2
Benzene	0.0	10.70	10.43	10.47	97	98	0.4
Trichloroethene (TCE)	0.0	10.50	10.37	10.57	99	101	1.9
Toluene	0.0	10.80	10.29	10.08	95	93	2.1
Tetrachloroethene (PCE)	0.0	10.50	9.99	9.99	95	95	0.0
Chlorobenzene	0.0	10.80	10.30	10.19	95	94	1.1
Ethylbenzene	0.0	10.60	10.39	10.29	98	97	1.0
m & p-Xylene	0.0	21.20	19.72	19.29	93	91	2.2
o-Xylene	0.0	10.60	10.28	10.32	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%).





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/03/2024

MATRIX : High Purity He or N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

ANALYST : DL

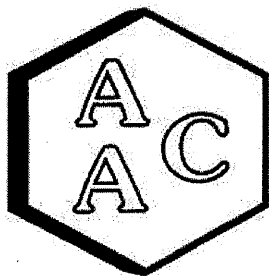
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 040324	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 040324	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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/03/2024

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

ANALYST : DL

DILUTION FACTOR¹ : x1.42

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 240716-56152

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.95	8.63	3.6
Chlorodifluoromethane	<SRL	<SRL	NA
Propene	<SRL	<SRL	NA
Dichlorodifluoromethane	<SRL	<SRL	NA
Dimethyl Ether	1.37	1.38	1.0
Chloromethane	0.74	0.71	3.9
Dichlorotetrafluoroethane	<SRL	<SRL	NA
Vinyl Chloride	<SRL	<SRL	NA
Acetaldehyde J	3.12	3.13	0.5
Methanol	12.8	13.6	6.4
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	42.5	42.4	0.2
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	5.77	6.07	5.1
Trichlorofluoromethane	<SRL	<SRL	NA
2-Propanol (IPA)	3.58	3.58	0.0
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	1.14	1.20	4.9
cis-1,2-Dichloroethene	<SRL	<SRL	NA
Hexane	<SRL	<SRL	NA
Chloroform	<SRL	<SRL	NA
Ethyl Acetate	1.24	1.25	1.1
Tetrahydrofuran	0.77	0.80	3.6
1,2-Dichloroethane	<SRL	<SRL	NA
1,1,1-Trichloroethane	<SRL	<SRL	NA
Benzene	0.84	0.83	1.7
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)

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



AAC Project No.:

Send Report To (Name/Email/Address)

pschafer@scsengineers.com

rhuff@scsengineers.com

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

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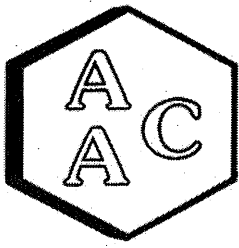
CHAIN OF CUSTODY AND ANALYSIS REQUEST - Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.



Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aacdab.com · 1334 Eastman Ave Suite A, Ventura, CA 93003				AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com			
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA 1 ON / OFF Project Number 01204123.21 TASK 22		Send Invoice To (Name/Email/Address)			
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: Signature:		PO Number			
Client Sample Name		Sample ID		Sampling Date		Sampling Time	
MS-06 56165		56166		4/2/12		0943	
MS-07 56166		56167		1005		1005	
MS-08 56167		56168		1630		1630	
MS-09 56168		56169		0925		0925	
MS-10 56169		56170		0840		0840	
MS-12 56170		56171		1039		1039	
S. Soil Sampling 56172		56173		1521		1521	
Chiquito Cysg 56173		56174		1015		1015	
Client Notes/Special Instructions:		Container Type/Qty		307.91 SULFUR		Analysis Requested	
Relinquished By Print: [Signature] Signature: [Signature]		Date 4/2/12		Received By Print: [Signature] Signature: [Signature]		Date 4/2/12	
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Signature:		Time		Signature:		Time	
EDD? ☐ Yes ☐ No		Time		Time		Time	

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Page _____ of _____



Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita [ON / OFF]
PROJECT NUMBER : 01204123.21 TASK 22
AAC PROJECT NO. : 240716
REPORT DATE : 04/04/2024

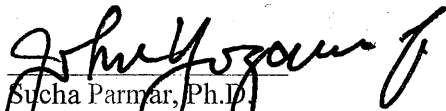
On April 2, 2024, Atmospheric Analysis & Consulting, Inc. received fourteen (14) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
MS-06	240716-56165	S. End Lincoln	240716-56172
MS-07	240716-56166	Chiquita Cyn Rd.	240716-56173
MS-08	240716-56167	MS-03	240716-56174
MS-09	240716-56168	MS-04	240716-56175
MS-10	240716-56169	MS-05	240716-56176
MS-12	240716-56170	Reaction	240716-56177
SCV	240716-56171	Working Face	240716-56178

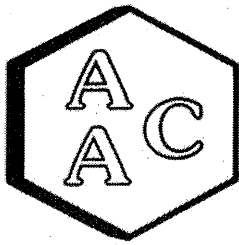
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

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.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 240716
MATRIX : AIR
UNITS : ppmv

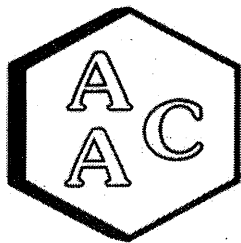
SAMPLING DATE : 04/02/2024
RECEIVING DATE : 04/02/2024
ANALYSIS DATE : 04/03/2024
REPORT DATE : 04/04/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10
AAC ID	240716-56165	240716-56166	240716-56167	240716-56168	240716-56169
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	0.046	0.043	0.018	0.016	0.059
COS / SO ₂	< 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	0.046	0.043	0.018	0.016	0.059

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

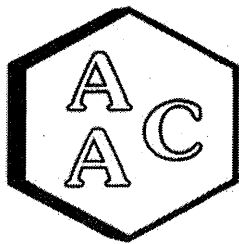
CLIENT : SCS Engineers
PROJECT NO. : 240716
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/02/2024
RECEIVING DATE : 04/02/2024
ANALYSIS DATE : 04/03/2024
REPORT DATE : 04/04/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	SCV	S. End Lincoln	Chiquita Cyn Rd.	MS-03
AAC ID	240716-56170	240716-56171	240716-56172	240716-56173	240716-56174
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	0.020	0.030	0.023	0.028	0.028
COS / SO ₂	< 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	0.020	0.030	0.023	0.028	0.028

All unidentified compound's concentrations expressed in terms of H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

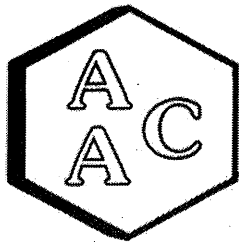
CLIENT : SCS Engineers
PROJECT NO. : 240716
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/02/2024
RECEIVING DATE : 04/02/2024
ANALYSIS DATE : 04/03/2024
REPORT DATE : 04/04/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-04	MS-05	Reaction	Working Face
AAC ID	240716-56175	240716-56176	240716-56177	240716-56178
Analyte	Result	Result	Result	Result
Hydrogen Sulfide	0.010	0.022	0.027	0.017
COS / SO ₂	< 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	0.010	0.022	0.027	0.017

All unidentified compound's concentrations expressed in terms of H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 4/3/2024
Analyst: CM/KM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 01/25/2024

Opening Calibration Verification Standard

0.511 ppbV H₂S (GC-110223-01)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11190	0.519	101.5	3.3
Duplicate	10618	0.492	96.3	2.0
Triplicate	10701	0.496	97.1	1.2

0.502 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	9130	0.493	98.1	0.5
Duplicate	9189	0.496	98.7	1.2
Triplicate	8923	0.481	95.9	1.7

0.497 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12190	0.506	101.8	2.4
Duplicate	11717	0.486	97.8	1.5
Triplicate	11794	0.489	98.5	0.9

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 231187-45761

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate

231187-45761 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	0.256	0.267	0.273	104.5	106.8	2.2
MeSH	<PQL	0.251	0.255	0.261	101.6	104.0	2.3
DMS	<PQL	0.249	0.264	0.271	106.2	109.1	2.6

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.511	0.498	97.5
MeSH	0.502	0.488	97.2
DMS	0.497	0.484	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 = 1.1 ppbV

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

Client/Company Name SCS ENGINEERS

Project Manager Name PAUL SCHAFER

Project Name CHIQUITA [ON / OFF]

Project Number 01204123.21 TASK 22

Turnaround Time

☐ Rush 24 h ☐ Same Day

☐ Rush 48 h ☐ 5 Days

☒ Rush 72 h ☐ Normal

Printer:

Signature:

Client Sample Name

Sample ID

Sampling Date

Sampling Time

Container Type/Qty

Analysis Requested

TO-15 FULL LIST + DMS

EDD?

☐ Yes ☐ No

Relinquished By

Print: GAVIN

Signature: [Signature]

Relinquished By

Print:

Signature:

Date 4/21/22

Received By

Print: [Signature]

Signature: [Signature]

Date 4/21/22

Received By

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Date 4/21/22

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Signature: [Signature]

Date 4/21/22

Received By

Print: [Signature]

Signature: [Signature]

Date 4/21/22

Received By

Print: [Signature]

Signature: [Signature]

AAC Project No.:

Send Report To (Name/Email/Address)

pschaffer@scsengineers.com

rhuff@scsengineers.com

Send Invoice To (Name/Email/Address)

PO Number

LAB USE ONLY

Lab ID

Sample Received

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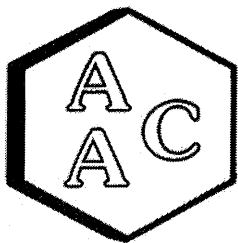
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Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita [ON / OFF]
PROJECT NUMBER : 01204123.21 TASK 22
AAC PROJECT NO. : 240780
REPORT DATE : 04/11/2024

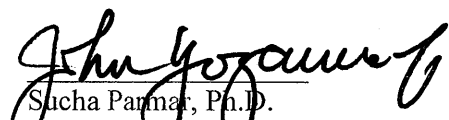
On April 9, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
MS-06	240780-56496	S End Lincoln	240780-56505
MS-07	240780-56497	MS-01	240780-56506
MS-08	240780-56498	MS-02	240780-56507
MS-09	240780-56499	MS-03	240780-56508
MS-10	240780-56500	MS-04	240780-56509
MS-11	240780-56501	MS-05	240780-56510
MS-12	240780-56502	Reaction	240780-56511
SCV	240780-56503	Working Face	240780-56512
Chiquita Cyn Rd.	240780-56504		

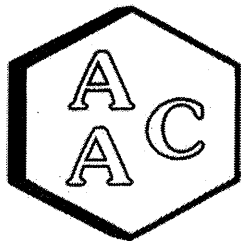
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aacalab.com.

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 Panmar, Ph.D.
Technical Director

This report consists of 10 pages.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

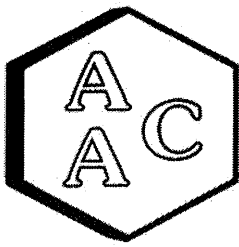
CLIENT : SCS Engineers
PROJECT NO. : 240780
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/09/2024
RECEIVING DATE : 04/09/2024
ANALYSIS DATE : 04/09-10/2024
REPORT DATE : 04/11/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	240780-56496	240780-56497	240780-56498	240780-56499	240780-56500	240780-56501
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	0.007	0.005	0.006	< 0.005	< 0.005	< 0.005
COS / SO ₂	< 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	0.007	0.005	0.006	< 0.005	< 0.005	< 0.005

All unidentified compound's concentrations expressed in terms of H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

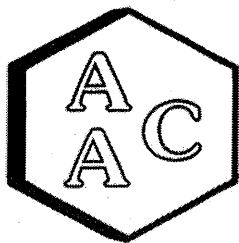
CLIENT : SCS Engineers
PROJECT NO. : 240780
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/09/2024
RECEIVING DATE : 04/09/2024
ANALYSIS DATE : 04/10/2024
REPORT DATE : 04/11/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	SCV	Chiquita Cyn Rd.	S End Lincoln	MS-01	MS-02
AAC ID	240780-56502	240780-56503	240780-56504	240780-56505	240780-56506	240780-56507
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO ₂	< 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 H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

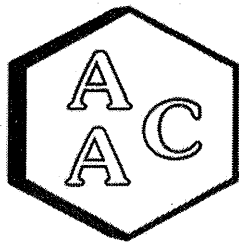
CLIENT : SCS Engineers
PROJECT NO. : 240780
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/09/2024
RECEIVING DATE : 04/09/2024
ANALYSIS DATE : 04/10/2024
REPORT DATE : 04/11/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Reaction	Working Face
AAC ID	240780-56508	240780-56509	240780-56510	240780-56511	240780-56512
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	0.010	0.007	< 0.005	0.011	0.010
COS / SO ₂	< 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	0.012	< 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	0.010	0.007	< 0.005	0.023	0.010

All unidentified compound's concentrations expressed in terms of H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 4/9/2024
Analyst: CM/KM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date : 01/25/2024

Opening Calibration Verification Standard

0.511 ppbV H₂S (GC-110223-01)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11081	0.514	100.5	1.2
Duplicate	11565	0.536	104.9	3.1
Triplicate	11009	0.510	99.9	1.9

0.502 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	9224	0.498	99.1	1.7
Duplicate	9656	0.521	103.8	2.9
Triplicate	9281	0.501	99.7	1.1

0.497 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12479	0.518	104.2	0.1
Duplicate	12516	0.519	104.5	0.2
Triplicate	12479	0.518	104.2	0.1

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 240745-56257

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate

240745-56257 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	0.256	0.258	0.272	101.0	106.5	5.3
MeSH	<PQL	0.251	0.261	0.265	104.0	105.6	1.5
DMS	<PQL	0.249	0.260	0.272	104.6	109.5	4.5

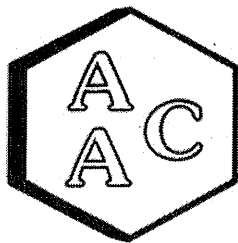
Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.511	0.532	104.1
MeSH	0.502	0.533	106.2
DMS	0.497	0.545	109.7

* 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



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 4/10/2024
Analyst: CM/KM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 01/25/2024

Opening Calibration Verification Standard

0.511 ppbV H₂S (GC-110223-01)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11403	0.529	103.5	3.1
Duplicate	10525	0.488	95.5	4.8
Triplicate	11245	0.521	102.0	1.7

0.502 ppbV H₂S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	9426	0.508	101.3	0.8
Duplicate	8933	0.482	96.0	4.4
Triplicate	9687	0.523	104.1	3.6

0.497 ppbV H₂S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12340	0.512	103.0	1.2
Duplicate	11760	0.488	98.2	3.5
Triplicate	12468	0.517	104.1	2.3

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 240745-56257

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate

240745-56257 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	0.256	0.271	0.247	106.1	96.7	9.3
MeSH	<PQL	0.251	0.271	0.248	108.0	98.8	8.9
DMS	<PQL	0.249	0.270	0.249	108.7	100.2	8.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.511	0.515	100.8
MeSH	0.502	0.516	102.8
DMS	0.497	0.511	102.8

* 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

CHAIN OF CUSTODY AND ANALYSIS REQUEST



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

Client/Company Name
SCS ENGINEERS
Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON / OFF]
Project Number
01204123.21 TASK 22

Analysis Requested

AAC Project No.:

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

Turnaround Time

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

Sampler Name

Print: Armando Hurtado
Signature: Paul Schaffer

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

Sample Received Via:

☐ FedEx

☐ UPS

☐ Courier

☐ Other

Temperature

Barometer

ID

Initials

Returned From

Total Cans

Unused Cans

Flow Controller

Client Notes/Special Instructions:

EDD?

☐ Yes
☐ No

LAB USE ONLY

Notes

Relinquished By

Print: Armando Hurtado
Signature: Paul Schaffer

Relinquished By

Print:

Signature:

Date 4/9/24

Time

Date

Time

Received By

Print: Armando Hurtado

Signature:

Received By

Print:

Date

Signature:

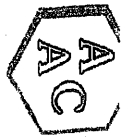
Date 4/9/24

Time 13:14

Date

Time

240780



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@aacalab.com - 1534 Eastman Ave Suite A, Ventura, CA 93003

Client/Company Name
SCS ENGINEERS
Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON / OFF]
Project Number
01204123.21 TASK 22

Analysis Requested

AAC Project No.:

Send Report To (Name/Email/Address)

pschafer@scsengineers.com
rhuff@scsengineers.com

Send Invoice To (Name/Email/Address)

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

Sampler Name
Print: *Armando Hurtado*
Signature: *Armando Hurtado*

Client Sample Name

307.91 SULFUR

PO Number

Lab Use ONLY

Lab ID

Sample Received

via:

☐ FedEx

☐ UPS

☐ Courier

☐ Other

Temperature

Thermometer

Initials

Revised Count

Total Count

Unused Caps

Flow Controllers

Client Notes/Special Instructions:

EDD?

☐ Yes

☐ No

Date

Time

Date

Time

Relinquished By
Print: *Armando Hurtado*
Signature: *Armando Hurtado*

Date 4/9/24
Received By
Print: *Armando Hurtado*
Signature: *Armando Hurtado*

Date 4/9/24
Time 15:14

Date
Time

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@aacalab.com - 1534 Eastman Ave Suite A, Ventura, CA 93003

Client/Company Name
SCS ENGINEERS
Project Manager Name
PAUL SCHAFER

Project Name
CHIQUITA [ON OFF]
Project Number
01204123.21 TASK 22

Analysis Requested

AAC Project No.:

Send Report To (Name/Email/Address)

pschafer@scsengineers.com
rhuff@scsengineers.com

Send Invoice To (Name/Email/Address)

Turnaround Time

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

Sampler Name

Print: Armando Hurtado
Signature: Paul Schaffer

Client Sample Name

Sample ID

Sampling Date

Sampling Time

Container Type/Qty

TO-15 FULL LIST + DMS

PO Number

LAB USE ONLY

LAB ID

Sample Received

☒ Index

☐ EUPS

☐ Tissues

☐ Bacteria

☐ Temperature

☐ Thermometer

☐ Initials

☐ Location

☐ Projected Gains

☐ Total Gains

☐ Low Contaminants

Client Notes/Special Instructions:

Relinquished By

Print: Armando Hurtado
Signature: Paul Schaffer

Date 4/9/24

Received By

Signature: Armando Hurtado

Relinquished By

Print:
Signature:

Date

Received By

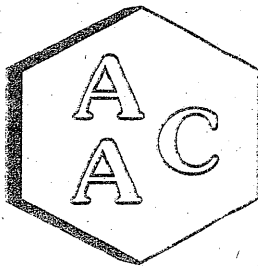
Signature:

EDD?

☐ Yes
☐ No

Date 4/9/24

Date 4/9/24



Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 240780
REPORT DATE : 04/11/2024

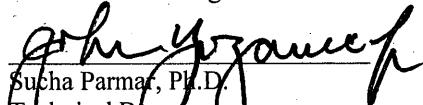
On April 9, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)	Client ID	Lab ID	Return Pressure (mmHga)
MS-06	240780-56479	706.5	S End Lincoln	240780-56488	710.0
MS-07	240780-56480	702.0	MS-01	240780-56489	702.5
MS-08	240780-56481	712.0	MS-02	240780-56490	727.0
MS-09	240780-56482	716.0	MS-03	240780-56491	711.5
MS-10	240780-56483	707.5	MS-04	240780-56492	707.0
MS-11	240780-56484	722.0	MS-05	240780-56493	719.5
MS-12	240780-56485	704.0	Reaction	240780-56494	711.5
SCV	240780-56486	708.0	Working Face	240780-56495	724.0
Chiquito Cyn Rd	240780-56487	710.5	--	--	--

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.aacclab.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.

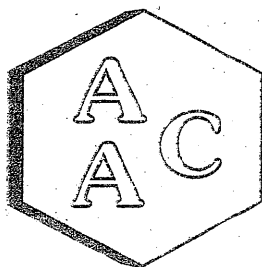
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.


Sucha Parmar, Ph.D.
Technical Director

This report consists of 28 pages.

Page 1





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

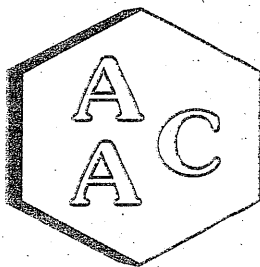
CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
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		240780-56479				240780-56480				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.44				1.45				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.45		1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Chloromethane	<SRL	U	1	0.72	0.72		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
Methanol	<SRL	U	1	7.18	<SRL	U	1	7.23		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	2.89		2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Acetone	3.18		1	2.87	<SRL	U	1	2.89		2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
2-Propanol (IPA)	<SRL	U	1	2.87	<SRL	U	1	2.89		2.00
Acrylonitrile	<SRL	U	1	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	1.44	<SRL	U	1	1.45		1.00
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.45		1.00
Carbon Disulfide	<SRL	U	1	2.87	<SRL	U	1	2.89		2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.45		1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

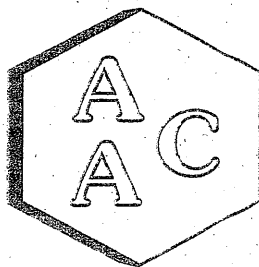
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

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	240780-56479				240780-56480				
Date Sampled	04/09/2024				04/09/2024				
Date Analyzed	04/10/2024				04/10/2024				
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
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
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
BFB-Surrogate Std. % Recovery		87%				90%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

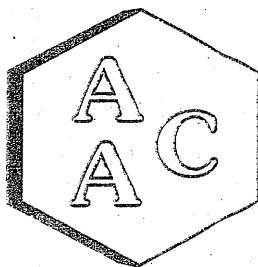
CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
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		240780-56481				240780-56482				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.42				1.42				
Compound	Result	Qualifier	Analysis DF	(MRLxDf's)	Result	Qualifier	Analysis DF	(MRLxDf's)		
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Propene	<SRL	U	1	1.42	<SRL	U	1	1.42	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Chloromethane	<SRL	U	1	0.71	0.88		1	0.71	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Methanol	<SRL	U	1	7.12	<SRL	U	1	7.09	7.09	5.00
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Ethanol	<SRL	U	1	2.85	<SRL	U	1	2.84	2.84	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Acetone	<SRL	U	1	2.85	<SRL	U	1	2.84	2.84	2.00
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	2.84	2.84	2.00
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.42	1.00
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.42	1.42	1.00
Carbon Disulfide	<SRL	U	1	2.85	<SRL	U	1	2.84	2.84	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.42	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50
Benzene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.71	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

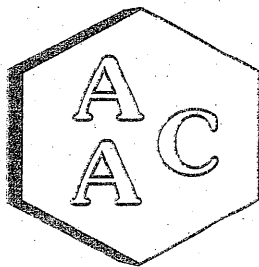
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

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		240780-56481				240780-56482				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.42				1.42				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)		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	
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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
BFB-Surrogate Std. % Recovery		90%				90%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

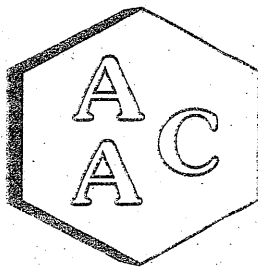
CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
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		240780-56483				240780-56484				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.44				1.41				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70		0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.41		1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70		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
Methanol	<SRL	U	1	7.18	<SRL	U	1	7.04		5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.70		0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.70		0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70		0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70		0.50
Ethanol	<SRL	U	1	2.87	<SRL	U	1	2.82		2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.70		0.50
Acetone	<SRL	U	1	2.87	10.5		1	2.82		2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70		0.50
2-Propanol (IPA)	<SRL	U	1	2.87	<SRL	U	1	2.82		2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.70		0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.70		0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.41		1.00
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.41		1.00
Carbon Disulfide	<SRL	U	1	2.87	<SRL	U	1	2.82		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	1.44	<SRL	U	1	1.41		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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

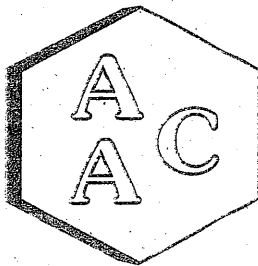
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

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		240780-56483				240780-56484				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.44				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.70	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	1.44	<SRL	U	1	1.41	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	
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	1.44	<SRL	U	1	1.41	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	1.44	<SRL	U	1	1.41	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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
RFB-Surrogate Std. % Recovery		89%				91%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

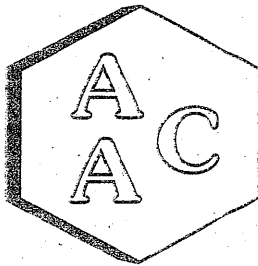
CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
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		240780-56485				240780-56486				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.44				1.43				
Compound	Result	Qualifier	Analysis DF	Result		Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Propene	<SRL	U	1	1.44	<SRL	U	1	1.43	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Chloromethane	0.81		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	
Methanol	<SRL	U	1	7.21	<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	2.88	<SRL	U	1	2.87	2.00	
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Acetone	<SRL	U	1	2.88	<SRL	U	1	2.87	2.00	
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
2-Propanol (IPA)	<SRL	U	1	2.88	<SRL	U	1	2.87	2.00	
Acrylonitrile	<SRL	U	1	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	1.44	<SRL	U	1	1.43	1.00	
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.43	1.00	
Carbon Disulfide	<SRL	U	1	2.88	<SRL	U	1	2.87	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.43	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	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

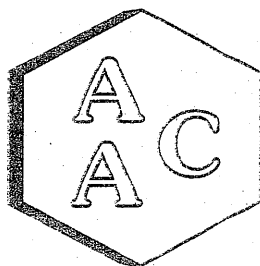
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

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		240780-56485				240780-56486				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.44				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.72	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	1.43	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	
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	1.43	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	1.44	<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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
BFB-Surrogate Std. % Recovery		90%				91%				70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

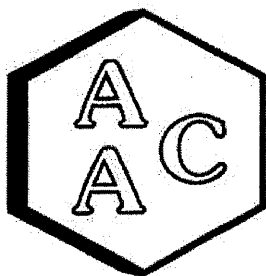
CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
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		240780-56487				240780-56488				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.43				1.43				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)		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	1.43	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50	
Chloromethane	0.79		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	
Methanol	<SRL	U	1	7.14	<SRL	U	1	7.15	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	2.86	2.00	
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50	
Acetone	<SRL	U	1	2.86	<SRL	U	1	2.86	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	2.86	2.00	
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50	
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	1.43	1.00	
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.43	1.00	
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.86	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	1.43	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	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

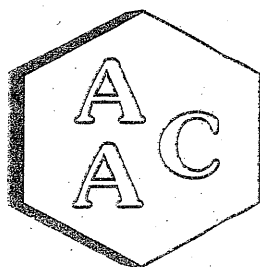
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

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		240780-56487			240780-56488				
Date Sampled		04/09/2024			04/09/2024				
Date Analyzed		04/10/2024			04/10/2024				
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	0.71	<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	1.43	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
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	1.43	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	1.43	<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
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
BFB-Surrogate Std. % Recovery		89%				91%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

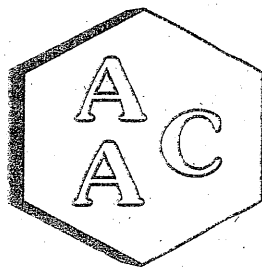
CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
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	240780-56489				240780-56490				
Date Sampled	04/09/2024				04/09/2024				
Date Analyzed	04/10/2024				04/10/2024				
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	0.74	0.50
Propene	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloromethane	0.74		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
Methanol	<SRL	U	1	7.23	7.95		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	<SRL	U	1	2.89	6.04		1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acetone	5.12		1	2.89	4.65		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	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	1.47	1.00
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.89	<SRL	U	1	2.94	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	1.45	<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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

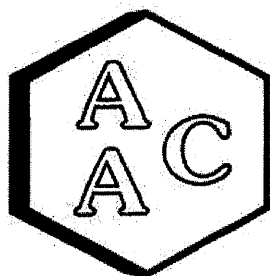
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

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		240780-56489				240780-56490				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.45				1.47				
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	1.47	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	
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	1.47	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	1.45	<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	5.33		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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50	
BFB-Surrogate Std. % Recovery		91%				91%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

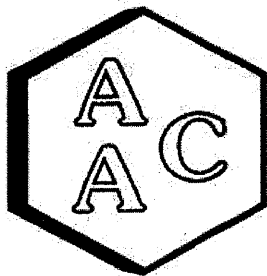
CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
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		240780-56491				240780-56492				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.43				1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Propene	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
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	
Methanol	<SRL	U	1	7.15	<SRL	U	1	7.18	5.00	
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Ethanol	<SRL	U	1	2.86	<SRL	U	1	2.87	2.00	
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Acetone	<SRL	U	1	2.86	<SRL	U	1	2.87	2.00	
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.87	2.00	
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00	
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00	
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.87	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024

DATE REPORTED : 04/11/2024

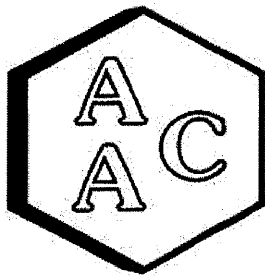
ANALYST : DL/CH

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				240780-56491			240780-56492				
Date Sampled				04/09/2024			04/09/2024				
Date Analyzed				04/10/2024			04/10/2024				
Can Dilution Factor				1.43			1.44				
Compound	Result	Qualifier	Analysis Df			Result	Qualifier	Analysis Df			
Carbon Tetrachloride	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
Cyclohexane	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
1,2-Dichloropropane	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
Bromodichloromethane	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
1,4-Dioxane	<SRL	U	1	1.43		<SRL	U	1	1.44	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
Heptane	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
cis-1,3-Dichloropropene	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
trans-1,3-Dichloropropene	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
1,1,2-Trichloroethane	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
Toluene	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.43		<SRL	U	1	1.44	1.00	
Dibromochloromethane	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
1,2-Dibromoethane	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
Tetrachloroethene (PCE)	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
Chlorobenzene	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
Ethylbenzene	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
m & p-Xylene	<SRL	U	1	1.43		<SRL	U	1	1.44	1.00	
Bromoform	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
Styrene	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
o-Xylene	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72		<SRL	U	1	0.72	0.50	
RFB-Surrogate Std. % Recovery		90%					91%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

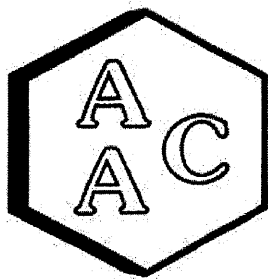
CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-05			Sample Reporting Limit (SRL) (MRLxDF's)	Reaction			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		240780-56493				240780-56494				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.41				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Propene	<SRL	U	1	1.41	17.6		1	1.43	1.00	
Dichlorodifluoromethane	<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	
Methanol	8.56		1	7.06	185		1	7.14	5.00	
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Ethanol	<SRL	U	1	2.83	38.8		1	2.85	2.00	
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Acetone	<SRL	U	1	2.83	22.0		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	11.0		1	2.85	2.00	
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.41	<SRL	U	1	1.43	1.00	
Allyl Chloride	<SRL	U	1	1.41	<SRL	U	1	1.43	1.00	
Carbon Disulfide	<SRL	U	1	2.83	<SRL	U	1	2.85	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
2-Butanone (MEK)	<SRL	U	1	1.41	13.5		1	1.43	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Tetrahydrofuran	<SRL	U	1	0.71	24.6		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	23.4		1	0.71	0.50	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

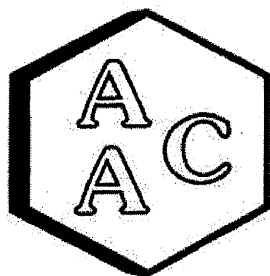
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-05			Sample Reporting Limit (SRL) (MRLxDF's)	Reaction			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		240780-56493				240780-56494				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.41				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,4-Dioxane	<SRL	U	1	1.41	<SRL	U	1	1.43	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
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	1.13		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	2.95		1	0.71	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.41	<SRL	U	1	1.43	1.00	
Dibromochloromethane	<SRL	U	1	0.71	<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	1.54		1	0.71	0.50	
m & p-Xylene	<SRL	U	1	1.41	1.48		1	1.43	1.00	
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
BFB-Surrogate Std. % Recovery		87%				93%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024

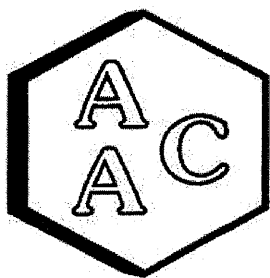
DATE REPORTED : 04/11/2024

ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Working Face			Sample Reporting Limit (SRL) (MRLXDF's)	Method Reporting Limit (MRL)
AAC ID	240780-55908				
Date Sampled	04/09/2024				
Date Analyzed	04/10/2024				
Can Dilution Factor	1.39				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	0.50
Propene	<SRL	U	1	1.39	1.00
Dichlorodifluoromethane	<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
Methanol	<SRL	U	1	6.96	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	5.79		1	2.78	2.00
Vinyl Bromide	<SRL	U	1	0.70	0.50
Acetone	3.01		1	2.78	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.78	2.00
Acrylonitrile	<SRL	U	1	0.70	0.50
1,1-Dichloroethene	<SRL	U	1	0.70	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.39	1.00
Allyl Chloride	<SRL	U	1	1.39	1.00
Carbon Disulfide	<SRL	U	1	2.78	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	1.39	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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780
MATRIX : AIR
UNITS : PPB (v/v)

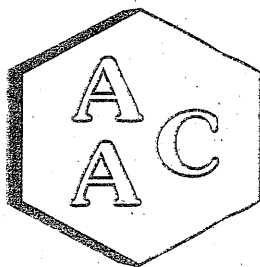
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>	Working Face			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
<i>AAC ID</i>	240780-55908				
<i>Date Sampled</i>	04/09/2024				
<i>Date Analyzed</i>	04/10/2024				
<i>Can Dilution Factor</i>	1.39				
<i>Compound</i>	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	1.39	1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	0.50
2,2,4-Trimethylpentane	<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	1.39	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	1.39	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
4-Ethyltoluene	<SRL	U	1	0.70	0.50
1,3,5-Trimethylbenzene	<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
1,2-Dichlorobenzene	<SRL	U	1	0.70	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.70	0.50
Hexachlorobutadiene	<SRL	U	1	0.70	0.50
BFB-Surrogate Std. % Recovery		90%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

Dimethyl Sulfide via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 240780
MATRIX : AIR

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/11/2024
ANALYST : DL/CH

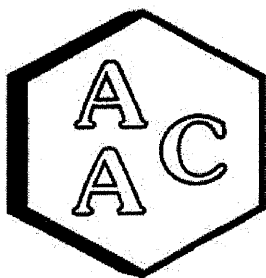
Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethylsulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	240780-56479	04/09/2024	04/10/2024	<SRL	U	1.44	1.0	87%
MS-07	240780-56480	04/09/2024	04/10/2024	<SRL	U	1.45	1.0	90%
MS-08	240780-56481	04/09/2024	04/10/2024	<SRL	U	1.42	1.0	90%
MS-09	240780-56482	04/09/2024	04/10/2024	<SRL	U	1.42	1.0	90%
MS-10	240780-56483	04/09/2024	04/10/2024	<SRL	U	1.44	1.0	89%
MS-11	240780-56484	04/09/2024	04/10/2024	<SRL	U	1.41	1.0	91%
MS-12	240780-56485	04/09/2024	04/10/2024	<SRL	U	1.44	1.0	90%
SCV	240780-56486	04/09/2024	04/10/2024	<SRL	U	1.43	1.0	91%
Chiquito Cyn Rd	240780-56487	04/09/2024	04/10/2024	<SRL	U	1.43	1.0	89%
S End Lincoln	240780-56488	04/09/2024	04/10/2024	<SRL	U	1.43	1.0	91%
MS-01	240780-56489	04/09/2024	04/10/2024	<SRL	U	1.45	1.0	91%
MS-02	240780-56490	04/09/2024	04/10/2024	<SRL	U	1.40	1.0	91%
MS-03	240780-56491	04/09/2024	04/10/2024	<SRL	U	1.43	1.0	90%
MS-04	240780-56492	04/09/2024	04/10/2024	<SRL	U	1.44	1.0	91%
MS-05	240780-56493	04/09/2024	04/10/2024	<SRL	U	1.41	1.0	87%
Reaction	240780-56494	04/09/2024	04/10/2024	6.51		1.43	1.0	93%
Working Face	240780-56495	04/09/2024	04/10/2024	<SRL	U	1.40	1.0	90%

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

RL - Reporting Limit

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/10/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-112823-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 03/18/2024 Calibration

Analyte Compounds	Source ¹	CCV ²	% Recovery ³
4-BFB (surrogate standard)	9.40	9.07	96
Chlorodifluoromethane	10.30	11.27	109
Propene	10.70	11.72	110
Dichlorodifluoromethane	10.40	11.19	108
Dimethyl Ether	10.20	11.48	113
Chloromethane	10.50	11.35	108
Dichlorotetrafluoroethane	10.20	10.00	98
Vinyl Chloride	10.60	11.06	104
Acetaldehyde	21.00	23.54	112
Methanol	19.00	22.75	120
1,3-Butadiene	10.70	12.08	113
Bromomethane	10.40	10.51	101
Chloroethane	10.40	9.68	93
Dichlorofluoromethane	10.20	10.49	103
Ethanol	11.40	11.89	104
Vinyl Bromide	10.10	10.50	104
Acrolein	10.90	12.07	111
Acetone	10.60	10.08	95
Trichlorofluoromethane	10.50	11.02	105
2-Propanol (IPA)	11.00	12.45	113
Acrylonitrile	11.00	11.74	107
1,1-Dichloroethene	10.50	9.95	95
Methylene Chloride (DCM)	10.40	9.87	95
TertButanol (TBA)	11.10	12.85	116
Allyl Chloride	10.20	10.32	101
Carbon Disulfide	10.50	11.00	105
Trichlorotrifluoroethane	10.30	10.22	99
trans-1,2-Dichloroethene	10.80	10.27	95
1,1-Dichloroethane	10.70	10.64	99
Methyl Tert Butyl Ether (MTBE)	10.70	10.80	101
Vinyl Acetate	11.00	13.11	119
2-Butanone (MEK)	10.70	10.54	99
cis-1,2-Dichloroethene	10.70	10.34	97
Hexane	10.80	10.17	94
Chloroform	10.70	10.42	97
Ethyl Acetate	10.70	11.80	110
Tetrahydrofuran	10.40	9.81	94
1,2-Dichloroethane	10.60	10.58	100
1,1,1-Trichloroethane	10.50	10.60	101
Benzene	10.70	10.48	98
Carbon Tetrachloride	10.30	10.92	106
Cyclohexane	10.50	10.39	99

Analyte Compounds (Continued)	Source ¹	CCV ²	% Recovery ³
1,2-Dichloropropane	10.70	11.12	104
Bromodichloromethane	10.50	11.05	105
1,4-Dioxane	10.50	10.16	97
Trichloroethene (TCE)	10.50	10.19	97
2,2,4-Trimethylpentane	10.10	10.80	107
Methyl Methacrylate	11.00	11.72	107
Heptane	10.50	10.29	98
cis-1,3-Dichloropropene	10.50	10.83	103
4-Methyl-2-pentanone (MiBK)	10.50	11.11	106
trans-1,3-Dichloropropene	10.60	10.86	102
1,1,2-Trichloroethane	10.60	10.12	95
Toluene	10.80	10.16	94
2-Hexanone (MBK)	10.50	11.58	110
Dibromochloromethane	10.60	10.92	103
1,2-Dibromoethane	10.60	10.41	98
Tetrachloroethene (PCE)	10.50	9.66	92
Chlorobenzene	10.80	10.03	93
Ethylbenzene	10.60	10.21	96
m & p-Xylene	21.20	19.45	92
Bromoform	10.60	10.67	101
Styrene	10.60	10.49	99
1,1,2,2-Tetrachloroethane	10.60	9.98	94
o-Xylene	10.60	10.21	96
1,2,3-Trichloropropane	11.00	10.72	97
Isopropylbenzene (Cumene)	10.40	9.81	94
α-Pinene	10.80	10.18	94
2-Chlorotoluene	10.30	9.99	97
n-Propylbenzene	10.10	9.51	94
4-Ethyltoluene	10.40	9.50	91
1,3,5-Trimethylbenzene	10.30	9.52	92
β-Pinene	10.90	9.32	86
1,2,4-Trimethylbenzene	10.30	9.54	93
Benzyl Chloride (a-Chlorotoluene)	10.30	10.85	105
1,3-Dichlorobenzene	10.30	9.82	95
1,4-Dichlorobenzene	10.20	9.81	96
Sec-ButylBenzene	10.10	9.29	92
1,2-Dichlorobenzene	10.40	9.59	92
n-ButylBenzene	10.30	9.84	96
1,2-Dibromo-3-Chloropropane	10.30	9.96	97
1,2,4-Trichlorobenzene	10.50	10.42	99
Naphthalene	10.90	11.81	108
Hexachlorobutadiene	10.80	9.42	87

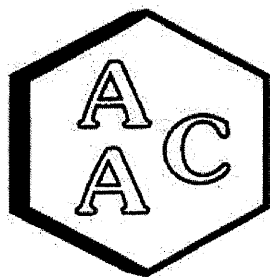
¹ Concentration of analyte compound in certified source standard.

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

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

* - β-Pinene results are estimated.





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/10/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MSI-112823-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

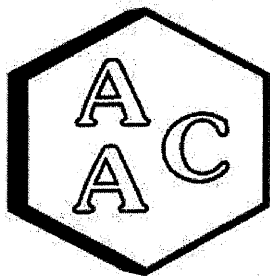
System Monitoring Compounds	Sample Concentration	Spike Added	LCS ¹ Recovery	LCSD ¹ Recovery	LCS ¹ % Recovery ²	LCSD ¹ % Recovery ²	RPD ³
4-BFB (surrogate standard)	0.0	9.40	9.07	9.07	96	96	0.0
1,1-Dichloroethene	0.0	10.50	9.95	10.06	95	96	1.1
Methylene Chloride (DCM)	0.0	10.40	9.87	10.07	95	97	2.0
Benzene	0.0	10.70	10.48	10.28	98	96	1.9
Trichloroethene (TCE)	0.0	10.50	10.19	10.20	97	97	0.1
Toluene	0.0	10.80	10.16	9.98	94	92	1.8
Tetrachloroethene (PCE)	0.0	10.50	9.66	9.78	92	93	1.2
Chlorobenzene	0.0	10.80	10.03	9.94	93	92	0.9
Ethylbenzene	0.0	10.60	10.21	10.04	96	95	1.7
m & p-Xylene	0.0	21.20	19.45	19.23	92	91	1.1
o-Xylene	0.0	10.60	10.21	10.11	96	95	1.0

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

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

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/10/2024

INSTRUMENT ID : GC/MS-04

MATRIX : High Purity He or N₂

ANALYST : DL

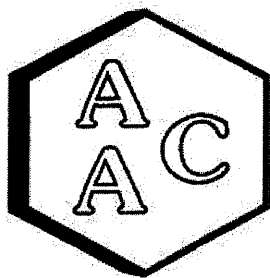
UNITS : PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 041024	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 041024	Reporting Limit (RL)
4-BFB (surrogate standard)	91%	100±30%	1,2-Dichloropropane	<RL	0.5
Chlorodifluoromethane	<RL	0.5	Bromodichloromethane	<RL	0.5
Propene	<RL	1.0	1,4-Dioxane	<RL	1.0
Dichlorodifluoromethane	<RL	0.5	Trichloroethene (TCE)	<RL	0.5
Dimethyl Ether	<RL	0.5	2,2,4-Trimethylpentane	<RL	0.5
Chloromethane	<RL	0.5	Methyl Methacrylate	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5	Heptane	<RL	0.5
Vinyl Chloride	<RL	0.5	cis-1,3-Dichloropropene	<RL	0.5
Acetaldehyde	<RL	5.0	4-Methyl-2-pentanone (MiBK)	<RL	0.5
Methanol	<RL	5.0	trans-1,3-Dichloropropene	<RL	0.5
1,3-Butadiene	<RL	0.5	1,1,2-Trichloroethane	<RL	0.5
Bromomethane	<RL	0.5	Toluene	<RL	0.5
Chloroethane	<RL	0.5	2-Hexanone (MBK)	<RL	1.0
Dichlorofluoromethane	<RL	0.5	Dibromochloromethane	<RL	0.5
Ethanol	<RL	2.0	1,2-Dibromoethane	<RL	0.5
Vinyl Bromide	<RL	0.5	Tetrachloroethene (PCE)	<RL	0.5
Acrolein	<RL	1.0	Chlorobenzene	<RL	0.5
Acetone	<RL	2.0	Ethylbenzene	<RL	0.5
Trichlorofluoromethane	<RL	0.5	m & p-Xylene	<RL	1.0
2-Propanol (IPA)	<RL	2.0	Bromoform	<RL	0.5
Acrylonitrile	<RL	0.5	Styrene	<RL	0.5
1,1-Dichloroethene	<RL	0.5	1,1,2,2-Tetrachloroethane	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0	o-Xylene	<RL	0.5
TertButanol (TBA)	<RL	0.5	1,2,3-Trichloropropane	<RL	0.5
Allyl Chloride	<RL	1.0	Isopropylbenzene (Cumene)	<RL	0.5
Carbon Disulfide	<RL	2.0	α-Pinene	<RL	0.5
Trichlorotrifluoroethane	<RL	0.5	2-Chlorotoluene	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5	n-Propylbenzene	<RL	0.5
1,1-Dichloroethane	<RL	0.5	4-Ethyltoluene	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5	1,3,5-Trimethylbenzene	<RL	0.5
Vinyl Acetate	<RL	0.5	β-Pinene	<RL	0.5
2-Butanone (MEK)	<RL	1.0	1,2,4-Trimethylbenzene	<RL	0.5
cis-1,2-Dichloroethene	<RL	0.5	Benzyl Chloride (α-Chlorotoluene)	<RL	0.5
Hexane	<RL	0.5	1,3-Dichlorobenzene	<RL	0.5
Chloroform	<RL	0.5	1,4-Dichlorobenzene	<RL	0.5
Ethyl Acetate	<RL	0.5	Sec-ButylBenzene	<RL	0.5
Tetrahydrofuran	<RL	0.5	1,2-Dichlorobenzene	<RL	0.5
1,2-Dichloroethane	<RL	0.5	n-ButylBenzene	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5	1,2-Dibromo-3-Chloropropane	<RL	0.5
Benzene	<RL	0.5	1,2,4-Trichlorobenzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5	Naphthalene	<RL	0.5
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/10/2024

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

ANALYST : DL

DILUTION FACTOR¹ : x1.4

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 240780-56495

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.45	8.25	2.4
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 5.62	5.51	2.0
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	5.84	5.66	3.2
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	3.03	2.94	3.3
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 (α-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.



240780



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

Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON / OFF] Project Number 01204123.21 TASK 22		AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com Send Invoice To (Name/Email/Address)						
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>[Signature]</i>		PO Number						
Client Sample Name		Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 FULL LIST + DMS	Analysis Requested	EDD? ☐ Yes ☐ No	Date	Time
MS-06	56479	4/9	1328	Summa 1	X				4/9/21	1514
MS-07	56480		1151		X					
MS-08	56481		1236		X					
MS-09	56482		1248		X					
MS-10	56483		1313		X					
MS-11	56484		0843		X					
MS-12	56485		1227		X					
SCV	56486		1302		X					
Chiquito Cyn Rd	56487		1201		X					
End Lincoln	56488		1220		X					
Client Notes/Special Instructions:										
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>[Signature]</i>		Date 4/9/21		Received By Print: <i>[Signature]</i> Signature: <i>[Signature]</i>		Date 4/9/21		Time 1514		Signature

010-174 Caus

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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@aacalab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003				AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com Send Invoice To (Name/Email/Address)			
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON OFF] Project Number 01204123.21 TASK 22		Analysis Requested			
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>Paul Schaffer</i>		TO-15 FULL LIST + DMS			
Client Sample Name		Sample ID	Sampling Date	Sampling Time	Container Type/Qty	PO Number	
MS-01	564189	4/9	1000	564189	X		
MS-02	56490		0912		X		
MS-03	56491		1339		X		
MS-04	56492		1052		X		
MS-05	56493		0942		X		
Reaction	56494		1036		X		
Working Face	56495		0931		X		
Client Notes/Special Instructions:							
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Paul Schaffer</i>							
Received By Print: <i>Paul Schaffer</i> Signature: <i>Paul Schaffer</i>							
Relinquished By Print: _____ Signature: _____							
Received By Print: _____ Signature: _____							
EDD? ☐ Yes ☐ No							
Date 4/9/24							
Date 4/9/24							
Date 4/15/24							

2410780



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@aacab.com - 1534 Eastman Ave Suite A, Ventura, CA 93003

Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER	Project Name CHIOUITA 1 ON / OFF Project Number 01204123.21 TASK 22
--	--

AAC Project No.:
Send Report To (Name/Email/Address)
pschafer@scsengineers.com
rhuff@scsengineers.com

Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal	Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>Paul Staff</i>
--	---

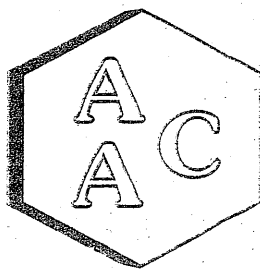
Send Invoice To (Name/Email/Address)
PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested
MS-06	56496	4/9	1328	Teller 1	307.91 SULFUR
MS-07	56497		1151		
MS-08	56498		1236		
MS-09	56499		1249		
MS-10	56500		1313		
MS-11	56501		0843		
MS-12	56502		1227		
SCV	56503		1302		
Chiquito Cyn Rd	56504		1201		
S End Lincoln	56505		1220		

LAB USE ONLY
Sample ID
Sample Name
Sample Location
Sample Date
Sample Time
Sample Volume
Sample Weight
Sample Temperature
Sample Humidity
Sample Pressure
Sample Wind Speed
Sample Wind Direction
Sample Cloud Cover
Sample Visibility
Sample Precipitation
Sample Air Quality
Sample Soil Quality
Sample Water Quality
Sample Sediment
Sample Debris
Sample Other

Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Paul Staff</i>	Date 4/9/24	Received By Print: <i>Armando Hurtado</i> Signature: <i>Paul Staff</i>	Date 4/9/24
Relinquished By Print: _____ Signature: _____	Date _____	Received By Print: _____ Signature: _____	Date _____

EDD?
☐ Yes
☐ No



Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 240780 Rev 1
REPORT DATE : 04/18/2024

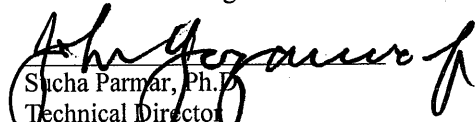
On April 9, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)	Client ID	Lab ID	Return Pressure (mmHga)
MS-06	240780-56479	706.5	S End Lincoln	240780-56488	710.0
MS-07	240780-56480	702.0	MS-01	240780-56489	702.5
MS-08	240780-56481	712.0	MS-02	240780-56490	727.0
MS-09	240780-56482	716.0	MS-03	240780-56491	711.5
MS-10	240780-56483	707.5	MS-04	240780-56492	707.0
MS-11	240780-56484	722.0	MS-05	240780-56493	719.5
MS-12	240780-56485	704.0	Reaction	240780-56494	711.5
SCV	240780-56486	708.0	Working Face	240780-56495	724.0
Chiquito Cyn Rd	240780-56487	710.5	--	--	--

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.

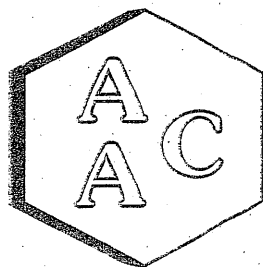
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.


Sucha Parmar, Ph.D.
Technical Director

Amended Report 240780 Rev 1 supersedes Original Report 240780. The amended report was issued on 04/18/2024. The sample number and pressures were corrected for sample "Working Face".

This report consists of 27 pages.





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

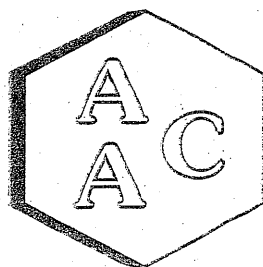
CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
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		240780-56479				240780-56480				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
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	0.72	0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.45	1.45	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Chloromethane	<SRL	U	1	0.72	0.72		1	0.72	0.72	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Methanol	<SRL	U	1	7.18	<SRL	U	1	7.23	7.23	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Ethanol	<SRL	U	1	2.87	<SRL	U	1	2.89	2.89	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Acetone	3.18		1	2.87	<SRL	U	1	2.89	2.89	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.87	<SRL	U	1	2.89	2.89	2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.45	1.45	1.00
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.45	1.45	1.00
Carbon Disulfide	<SRL	U	1	2.87	<SRL	U	1	2.89	2.89	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.45	1.45	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.72	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

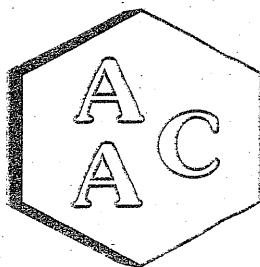
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240780-56479								
Date Sampled		04/09/2024								
Date Analyzed		04/10/2024								
Can Dilution Factor		1.44								
Compound	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	
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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
BFB-Surrogate Std. % Recovery		87%				90%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

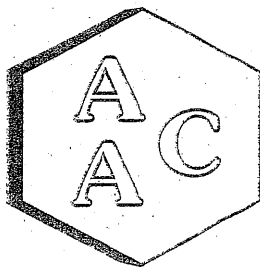
CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
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		240780-56481				240780-56482				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.42				1.42				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)		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	
Chloromethane	<SRL	U	1	0.71	0.88		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	
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	
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	0.71	<SRL	U	1	0.71	0.50	
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	
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 : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

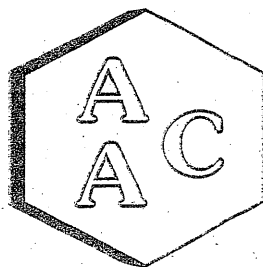
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-08			Sample Reporting Limit (SRL) (MRL×DF's)	MS-09			Sample Reporting Limit (SRL) (MRL×DF's)	Method Reporting Limit (MRL)
AAC ID		240780-56481				240780-56482				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
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	
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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
RFB-Surrogate Std. % Recovery		90%				90%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

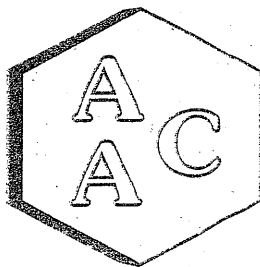
CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10		Sample Reporting Limit (SRL) (MRL×DF's)	MS-11			Sample Reporting Limit (SRL) (MRL×DF's)	Method Reporting Limit (MRL)
AAC ID		240780-56483			240780-56484				
Date Sampled		04/09/2024			04/09/2024				
Date Analyzed		04/10/2024			04/10/2024				
Can Dilution Factor		1.44			1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.41	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	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
Methanol	<SRL	U	1	7.18	<SRL	U	1	7.04	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Ethanol	<SRL	U	1	2.87	<SRL	U	1	2.82	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Acetone	<SRL	U	1	2.87	10.5		1	2.82	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.87	<SRL	U	1	2.82	2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.41	1.00
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.41	1.00
Carbon Disulfide	<SRL	U	1	2.87	<SRL	U	1	2.82	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	1.44	<SRL	U	1	1.41	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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

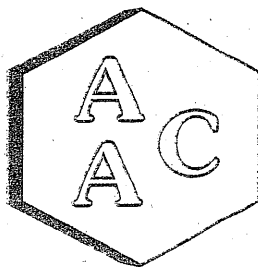
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240780-56483			240780-56484				
Date Sampled		04/09/2024			04/09/2024				
Date Analyzed		04/10/2024			04/10/2024				
Can Dilution Factor		1.44			1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.70	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	1.44	<SRL	U	1	1.41	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
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	1.44	<SRL	U	1	1.41	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	1.44	<SRL	U	1	1.41	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
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50
BFB-Surrogate Std. % Recovery		89%				91%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

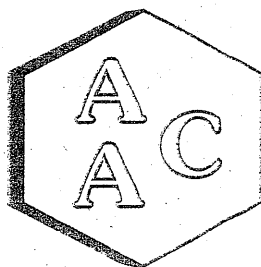
CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
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		240780-56485				240780-56486				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.44				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.43		1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Chloromethane	0.81		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
Methanol	<SRL	U	1	7.21	<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	2.88	<SRL	U	1	2.87		2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Acetone	<SRL	U	1	2.88	<SRL	U	1	2.87		2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
2-Propanol (IPA)	<SRL	U	1	2.88	<SRL	U	1	2.87		2.00
Acrylonitrile	<SRL	U	1	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	1.44	<SRL	U	1	1.43		1.00
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.43		1.00
Carbon Disulfide	<SRL	U	1	2.88	<SRL	U	1	2.87		2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.43		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 : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

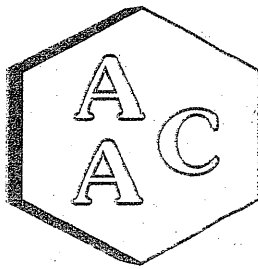
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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	240780-56485				240780-56486				
Date Sampled	04/09/2024				04/09/2024				
Date Analyzed	04/10/2024				04/10/2024				
Can Dilution Factor	1.44				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.72	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	1.43	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
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	1.43	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	1.44	<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
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
BFB-Surrogate Std. % Recovery		90%				91%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

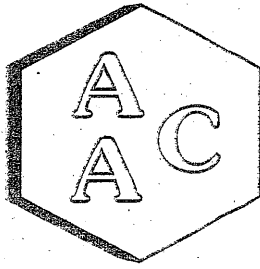
CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
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		240780-56487			240780-56488				
Date Sampled		04/09/2024			04/09/2024				
Date Analyzed		04/10/2024			04/10/2024				
Can Dilution Factor		1.43			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	1.43	<SRL	U	1	1.43	1.00
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Chloromethane	0.79		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
Methanol	<SRL	U	1	7.14	<SRL	U	1	7.15	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	2.86	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
Acetone	<SRL	U	1	2.86	<SRL	U	1	2.86	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	2.86	2.00
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
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	1.43	1.00
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.43	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.86	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	1.43	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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

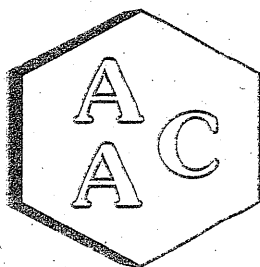
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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	240780-56487			(MRLxDF's)	240780-56488			(MRLxDF's)	
Date Sampled	04/09/2024				04/09/2024				
Date Analyzed	04/10/2024				04/10/2024				
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	0.71	<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	1.43	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
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	1.43	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	1.43	<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
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.72	0.50
BFB-Surrogate Std. % Recovery		89%				91%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

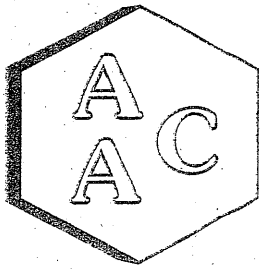
CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-01		Sample Reporting Limit (SRL) (MRLDF's)	MS-02			Sample Reporting Limit (SRL) (MRLDF's)	Method Reporting Limit (MRL)
AAC ID		240780-56489			240780-56490				
Date Sampled		04/09/2024			04/09/2024				
Date Analyzed		04/10/2024			04/10/2024				
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	0.74	0.50
Propene	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Chloromethane	0.74		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
Methanol	<SRL	U	1	7.23	7.95		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	<SRL	U	1	2.89	6.04		1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50
Acetone	5.12		1	2.89	4.65		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	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	1.47	1.00
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.89	<SRL	U	1	2.94	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	1.45	<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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

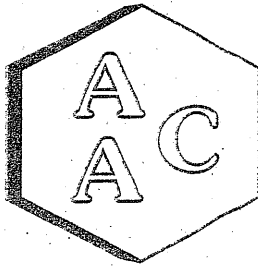
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240780-56489				240780-56490				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.45				1.47				
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	1.47	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	
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	1.47	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	1.45	<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	5.33			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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50	
BFB-Surrogate Std. % Recovery		91%				91%			70-130%	

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





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Laboratory Analysis Report

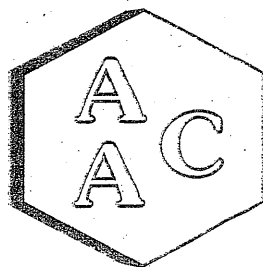
CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
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		240780-56491			240780-56492				
Date Sampled		04/09/2024			04/09/2024				
Date Analyzed		04/10/2024			04/10/2024				
Can Dilution Factor		1.43			1.44				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Propene	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
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
Methanol	<SRL	U	1	7.15	<SRL	U	1	7.18	5.00
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Ethanol	<SRL	U	1	2.86	<SRL	U	1	2.87	2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Acetone	<SRL	U	1	2.86	<SRL	U	1	2.87	2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Propanol (IPA)	<SRL	U	1	2.86	<SRL	U	1	2.87	2.00
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00
Carbon Disulfide	<SRL	U	1	2.86	<SRL	U	1	2.87	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
2-Butanone (MEK)	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50





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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

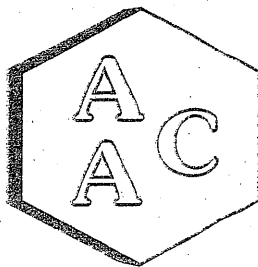
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240780-56491				240780-56492				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.43				1.44				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,4-Dioxane	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00	
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
m & p-Xylene	<SRL	U	1	1.43	<SRL	U	1	1.44	1.00	
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
BFB-Surrogate Std. % Recovery		90%				91%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

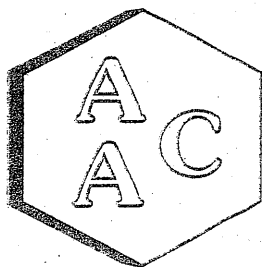
CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-05			Sample Reporting Limit (SRL) (MRLxDF's)	Reaction			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)	
AAC ID	240780-56493				240780-56494					
Date Sampled	04/09/2024				04/09/2024					
Date Analyzed	04/10/2024				04/10/2024					
Can Dilution Factor	1.41				1.43					
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Propene	<SRL	U	1	1.41	17.6	U	1	1.43	1.00	
Dichlorodifluoromethane	<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	
Methanol	8.56		1	7.06	185		1	7.14	5.00	
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Ethanol	<SRL	U	1	2.83	38.8		1	2.85	2.00	
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Acetone	<SRL	U	1	2.83	22.0		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	11.0		1	2.85	2.00	
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.41	<SRL	U	1	1.43	1.00	
Allyl Chloride	<SRL	U	1	1.41	<SRL	U	1	1.43	1.00	
Carbon Disulfide	<SRL	U	1	2.83	<SRL	U	1	2.85	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
2-Butanone (MEK)	<SRL	U	1	1.41	13.5		1	1.43	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Tetrahydrofuran	<SRL	U	1	0.71	24.6		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	23.4		1	0.71	0.50	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

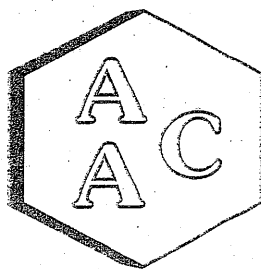
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-05			Sample Reporting Limit (SRL) (MRLxDf's)	Reaction			Sample Reporting Limit (SRL) (MRLxDf's)	Method Reporting Limit (MRL)
AAC ID		240780-56493				240780-56494				
Date Sampled		04/09/2024				04/09/2024				
Date Analyzed		04/10/2024				04/10/2024				
Can Dilution Factor		1.41				1.43				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,4-Dioxane	<SRL	U	1	1.41	<SRL	U	1	1.43	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
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	1.13		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	2.95		1	0.71	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.41	<SRL	U	1	1.43	1.00	
Dibromochloromethane	<SRL	U	1	0.71	<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	1.54		1	0.71	0.50	
m & p-Xylene	<SRL	U	1	1.41	1.48		1	1.43	1.00	
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.71	0.50	
BFB-Surrogate Std. % Recovery		87%				93%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

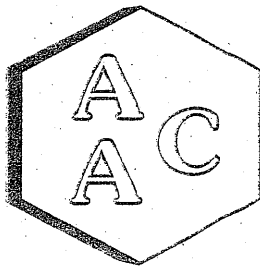
CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Working Face			Sample Reporting Limit (SRL) (MRL&DF's)	Method Reporting Limit (MRL)
AAC ID	240780-56495				
Date Sampled	04/09/2024				
Date Analyzed	04/10/2024				
Can Dilution Factor	1.40				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	0.50
Propene	<SRL	U	1	1.40	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	0.50
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
Methanol	<SRL	U	1	7.02	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	5.84		1	2.81	2.00
Vinyl Bromide	<SRL	U	1	0.70	0.50
Acetone	3.03		1	2.81	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.81	2.00
Acrylonitrile	<SRL	U	1	0.70	0.50
1,1-Dichloroethene	<SRL	U	1	0.70	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.40	1.00
Allyl Chloride	<SRL	U	1	1.40	1.00
Carbon Disulfide	<SRL	U	1	2.81	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.70	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.70	0.50
1,1-Dichloroethane	<SRL	U	1	0.70	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	0.50
Vinyl Acetate	<SRL	U	1	0.70	0.50
2-Butanone (MEK)	<SRL	U	1	1.40	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	0.50
Hexane	<SRL	U	1	0.70	0.50
Chloroform	<SRL	U	1	0.70	0.50
Ethyl Acetate	<SRL	U	1	0.70	0.50
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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240780 Rev 1
MATRIX : AIR
UNITS : PPB (v/v)

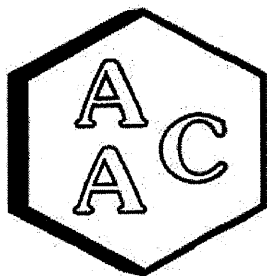
DATE RECEIVED : 04/09/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Working Face			Sample Reporting Limit (SRL) (MRLXDF's)	Method Reporting Limit (MRL)
AAC ID	240780-56495				
Date Sampled	04/09/2024				
Date Analyzed	04/10/2024				
Can Dilution Factor	1.40				
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	1.40	1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.70	0.50
Heptane	<SRL	U	1	0.70	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.70	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.70	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.70	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.70	0.50
Toluene	<SRL	U	1	0.70	0.50
2-Hexanone (MBK)	<SRL	U	1	1.40	1.00
Dibromochloromethane	<SRL	U	1	0.70	0.50
1,2-Dibromoethane	<SRL	U	1	0.70	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.70	0.50
Chlorobenzene	<SRL	U	1	0.70	0.50
Ethylbenzene	<SRL	U	1	0.70	0.50
m & p-Xylene	<SRL	U	1	1.40	1.00
Bromoform	<SRL	U	1	0.70	0.50
Styrene	<SRL	U	1	0.70	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	0.50
o-Xylene	<SRL	U	1	0.70	0.50
4-Ethyltoluene	<SRL	U	1	0.70	0.50
1,3,5-Trimethylbenzene	<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
1,2-Dichlorobenzene	<SRL	U	1	0.70	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.70	0.50
Hexachlorobutadiene	<SRL	U	1	0.70	0.50
BFB-Surrogate Std. % Recovery		90%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/10/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MSI-112823-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 03/18/2024 Calibration

Analyte Compounds	Source ¹	CCV ²	% Recovery ³
4-BFB (surrogate standard)	9.40	9.07	96
Chlorodifluoromethane	10.30	11.27	109
Propene	10.70	11.72	110
Dichlorodifluoromethane	10.40	11.19	108
Dimethyl Ether	10.20	11.48	113
Chloromethane	10.50	11.35	108
Dichlorotetrafluoroethane	10.20	10.00	98
Vinyl Chloride	10.60	11.06	104
Acetaldehyde	21.00	23.54	112
Methanol	19.00	22.75	120
1,3-Butadiene	10.70	12.08	113
Bromomethane	10.40	10.51	101
Chloroethane	10.40	9.68	93
Dichlorofluoromethane	10.20	10.49	103
Ethanol	11.40	11.89	104
Vinyl Bromide	10.10	10.50	104
Acrolein	10.90	12.07	111
Acetone	10.60	10.08	95
Trichlorofluoromethane	10.50	11.02	105
2-Propanol (IPA)	11.00	12.45	113
Acrylonitrile	11.00	11.74	107
1,1-Dichloroethene	10.50	9.95	95
Methylene Chloride (DCM)	10.40	9.87	95
TertButanol (TBA)	11.10	12.85	116
Allyl Chloride	10.20	10.32	101
Carbon Disulfide	10.50	11.00	105
Trichlorotrifluoroethane	10.30	10.22	99
trans-1,2-Dichloroethene	10.80	10.27	95
1,1-Dichloroethane	10.70	10.64	99
Methyl Tert Butyl Ether (MTBE)	10.70	10.80	101
Vinyl Acetate	11.00	13.11	119
2-Butanone (MEK)	10.70	10.54	99
cis-1,2-Dichloroethene	10.70	10.34	97
Hexane	10.80	10.17	94
Chloroform	10.70	10.42	97
Ethyl Acetate	10.70	11.80	110
Tetrahydrofuran	10.40	9.81	94
1,2-Dichloroethane	10.60	10.58	100
1,1,1-Trichloroethane	10.50	10.60	101
Benzene	10.70	10.48	98
Carbon Tetrachloride	10.30	10.92	106
Cyclohexane	10.50	10.39	99

Analyte Compounds (Continued)	Source ¹	CCV ²	% Recovery ³
1,2-Dichloropropane	10.70	11.12	104
Bromodichloromethane	10.50	11.05	105
1,4-Dioxane	10.50	10.16	97
Trichloroethene (TCE)	10.50	10.19	97
2,2,4-Trimethylpentane	10.10	10.80	107
Methyl Methacrylate	11.00	11.72	107
Heptane	10.50	10.29	98
cis-1,3-Dichloropropene	10.50	10.83	103
4-Methyl-2-pentanone (MiBK)	10.50	11.11	106
trans-1,3-Dichloropropene	10.60	10.86	102
1,1,2-Trichloroethane	10.60	10.12	95
Toluene	10.80	10.16	94
2-Hexanone (MBK)	10.50	11.58	110
Dibromochloromethane	10.60	10.92	103
1,2-Dibromoethane	10.60	10.41	98
Tetrachloroethene (PCE)	10.50	9.66	92
Chlorobenzene	10.80	10.03	93
Ethylbenzene	10.60	10.21	96
m & p-Xylene	21.20	19.45	92
Bromoform	10.60	10.67	101
Styrene	10.60	10.49	99
1,1,2,2-Tetrachloroethane	10.60	9.98	94
o-Xylene	10.60	10.21	96
1,2,3-Trichloropropane	11.00	10.72	97
Isopropylbenzene (Cumene)	10.40	9.81	94
α-Pinene	10.80	10.18	94
2-Chlorotoluene	10.30	9.99	97
n-Propylbenzene	10.10	9.51	94
4-Ethyltoluene	10.40	9.50	91
1,3,5-Trimethylbenzene	10.30	9.52	92
β-Pinene	10.90	9.32	86
1,2,4-Trimethylbenzene	10.30	9.54	93
Benzyl Chloride (a-Chlorotoluene)	10.30	10.85	105
1,3-Dichlorobenzene	10.30	9.82	95
1,4-Dichlorobenzene	10.20	9.81	96
Sec-ButylBenzene	10.10	9.29	92
1,2-Dichlorobenzene	10.40	9.59	92
n-ButylBenzene	10.30	9.84	96
1,2-Dibromo-3-Chloropropane	10.30	9.96	97
1,2,4-Trichlorobenzene	10.50	10.42	99
Naphthalene	10.90	11.81	108
Hexachlorobutadiene	10.80	9.42	87

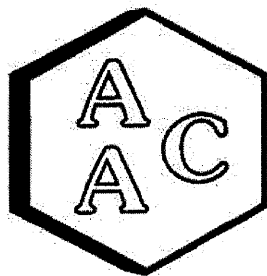
¹ Concentration of analyte compound in certified source standard.

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

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

* - β-Pinene results are estimated.





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/10/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-112823-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

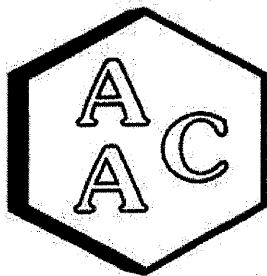
<i>System Monitoring Compounds</i>	<i>Sample Concentration</i>	<i>Spike Added</i>	<i>LCS¹ Recovery</i>	<i>LCSD¹ Recovery</i>	<i>LCS¹ % Recovery²</i>	<i>LCSD¹ % Recovery²</i>	<i>RPD³</i>
4-BFB (surrogate standard)	0.0	9.40	9.07	9.07	96	96	0.0
1,1-Dichloroethene	0.0	10.50	9.95	10.06	95	96	1.1
Methylene Chloride (DCM)	0.0	10.40	9.87	10.07	95	97	2.0
Benzene	0.0	10.70	10.48	10.28	98	96	1.9
Trichloroethene (TCE)	0.0	10.50	10.19	10.20	97	97	0.1
Toluene	0.0	10.80	10.16	9.98	94	92	1.8
Tetrachloroethene (PCE)	0.0	10.50	9.66	9.78	92	93	1.2
Chlorobenzene	0.0	10.80	10.03	9.94	93	92	0.9
Ethylbenzene	0.0	10.60	10.21	10.04	96	95	1.7
m & p-Xylene	0.0	21.20	19.45	19.23	92	91	1.1
o-Xylene	0.0	10.60	10.21	10.11	96	95	1.0

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

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

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/10/2024

INSTRUMENT ID : GC/MS-04

MATRIX : High Purity He or N₂

ANALYST : DL

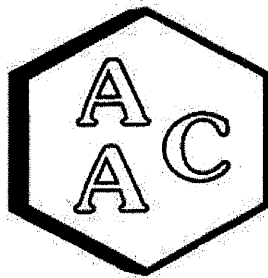
UNITS : PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 041024	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 041024	Reporting Limit (RL)
4-BFB (surrogate standard)	91%	100±30%	1,2-Dichloropropane	<RL	0.5
Chlorodifluoromethane	<RL	0.5	Bromodichloromethane	<RL	0.5
Propene	<RL	1.0	1,4-Dioxane	<RL	1.0
Dichlorodifluoromethane	<RL	0.5	Trichloroethene (TCE)	<RL	0.5
Dimethyl Ether	<RL	0.5	2,2,4-Trimethylpentane	<RL	0.5
Chloromethane	<RL	0.5	Methyl Methacrylate	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5	Heptane	<RL	0.5
Vinyl Chloride	<RL	0.5	cis-1,3-Dichloropropene	<RL	0.5
Acetaldehyde	<RL	5.0	4-Methyl-2-pentanone (MiBK)	<RL	0.5
Methanol	<RL	5.0	trans-1,3-Dichloropropene	<RL	0.5
1,3-Butadiene	<RL	0.5	1,1,2-Trichloroethane	<RL	0.5
Bromomethane	<RL	0.5	Toluene	<RL	0.5
Chloroethane	<RL	0.5	2-Hexanone (MBK)	<RL	1.0
Dichlorofluoromethane	<RL	0.5	Dibromochloromethane	<RL	0.5
Ethanol	<RL	2.0	1,2-Dibromoethane	<RL	0.5
Vinyl Bromide	<RL	0.5	Tetrachloroethene (PCE)	<RL	0.5
Acrolein	<RL	1.0	Chlorobenzene	<RL	0.5
Acetone	<RL	2.0	Ethylbenzene	<RL	0.5
Trichlorofluoromethane	<RL	0.5	m & p-Xylene	<RL	1.0
2-Propanol (IPA)	<RL	2.0	Bromoform	<RL	0.5
Acrylonitrile	<RL	0.5	Styrene	<RL	0.5
1,1-Dichloroethene	<RL	0.5	1,1,2,2-Tetrachloroethane	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0	o-Xylene	<RL	0.5
TertButanol (TBA)	<RL	0.5	1,2,3-Trichloropropane	<RL	0.5
Allyl Chloride	<RL	1.0	Isopropylbenzene (Cumene)	<RL	0.5
Carbon Disulfide	<RL	2.0	α-Pinene	<RL	0.5
Trichlorotrifluoroethane	<RL	0.5	2-Chlorotoluene	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5	n-Propylbenzene	<RL	0.5
1,1-Dichloroethane	<RL	0.5	4-Ethyltoluene	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5	1,3,5-Trimethylbenzene	<RL	0.5
Vinyl Acetate	<RL	0.5	β-Pinene	<RL	0.5
2-Butanone (MEK)	<RL	1.0	1,2,4-Trimethylbenzene	<RL	0.5
cis-1,2-Dichloroethene	<RL	0.5	Benzyl Chloride (a-Chlorotoluene)	<RL	0.5
Hexane	<RL	0.5	1,3-Dichlorobenzene	<RL	0.5
Chloroform	<RL	0.5	1,4-Dichlorobenzene	<RL	0.5
Ethyl Acetate	<RL	0.5	Sec-ButylBenzene	<RL	0.5
Tetrahydrofuran	<RL	0.5	1,2-Dichlorobenzene	<RL	0.5
1,2-Dichloroethane	<RL	0.5	n-ButylBenzene	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5	1,2-Dibromo-3-Chloropropane	<RL	0.5
Benzene	<RL	0.5	1,2,4-Trichlorobenzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5	Naphthalene	<RL	0.5
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/10/2024

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

ANALYST : DL

DILUTION FACTOR¹ : x1.4

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 240780-56495

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.45	8.25	2.4
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 5.62	5.51	2.0
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	5.84	5.66	3.2
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	3.03	2.94	3.3
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 (α-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

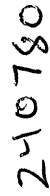
¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

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.





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

Relinquished By
Print: Armando Hurtado
Signature: *[Signature]*
Relinquished By
Print:
Signature:

2010780

240780



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

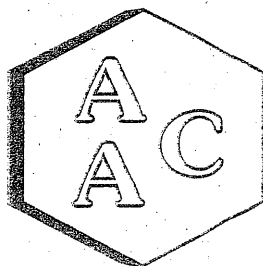
Atmospheric Analysis and Consulting · Phone: 805-650-1642 · Email: info@aadlab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003				AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com Send Invoice To (Name/Email/Address)			
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON / OFF] Project Number 01204123.21 TASK 22		Analysis Requested 307.91 SULFUR			
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <u>Armando Hurtado</u> Signature: <u>[Signature]</u>		PO Number			
Client Sample Name		Sample ID		Sampling Date		Sampling Time	
MS-06		56496		4/9		1328	
MS-07		56497		1151		1328	
MS-08		56498		1236		1328	
MS-09		56499		1249		1328	
MS-10		56500		1313		1328	
MS-11		56501		0843		1328	
MS-12		56502		1227		1328	
SCV		56503		1302		1328	
Chiquito Cyn Rd		56504		1201		1328	
S End Lincoln		56505		1220		1328	
Client Notes/Special Instructions:		Received By Print: <u>Armando Hurtado</u> Signature: <u>[Signature]</u>		Date 4/9/24		Time 1328	
Relinquished By Print: <u>Armando Hurtado</u> Signature: <u>[Signature]</u>		Received By Print: <u>Armando Hurtado</u> Signature: <u>[Signature]</u>		Date 4/9/24		Time 1328	
Relinquished By Print: <u>Armando Hurtado</u> Signature: <u>[Signature]</u>		Received By Print: <u>Armando Hurtado</u> Signature: <u>[Signature]</u>		Date 4/9/24		Time 1328	

240780



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@aacalab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003				AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com Send Invoice To (Name/Email/Address)	
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON/OFF] Project Number 01204123.21 TASK 22		Analysis Requested 307.91 SULFUR	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		PO Number	
Client Sample Name MS-01 MS-02 MS-03 MS-04 MS-05 Reaction Working Face		Sample ID 56506 56507 56508 56509 56510 56511 56512	Sampling Date 4/9 	Sampling Time 1000 0912 1339 1052 0942 1036 0931	Container Type/Qty Tedlar 1
Client Notes/Special Instructions:					
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Received By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		EDD? ☐ Yes ☐ No	
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Received By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Date 4/9/21 Time 15:14	



Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 240853
REPORT DATE : 04/18/2024

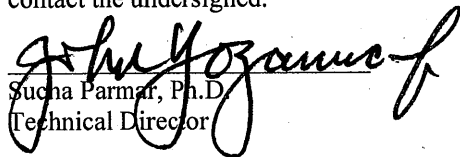
On April 16, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHg)	Client ID	Lab ID	Return Pressure (mmHg)
MS-06	240853-56842	679.5	S End Lincoln	240853-56851	706.0
MS-07	240853-56843	719.0	MS-01	240853-56852	666.0
MS-08	240853-56844	759.0	MS-02	240853-56853	690.0
MS-09	240853-56845	692.0	MS-03	240853-56854	713.0
MS-10	240853-56846	725.5	MS-04	240853-56855	681.5
MS-11	240853-56847	721.5	MS-05	240853-56856	676.5
MS-12	240853-56848	704.5	Reaction	240853-56857	686.0
SCV	240853-56849	715.0	Working Face	240853-56858	696.5
Chiquito Cyn Rd	240853-56850	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.aacalab.com.

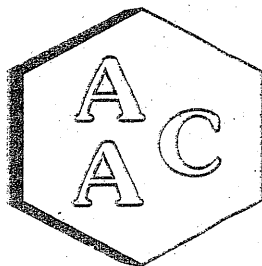
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

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.





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

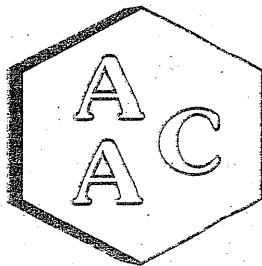
CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
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		240853-56842			240853-56843				
Date Sampled		04/16/2024			04/16/2024				
Date Analyzed		04/17/2024			04/17/2024				
Can Dilution Factor		1.50			1.43				
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	1.50	1.63		1	1.43	1.00
Dichlorodifluoromethane	<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
Methanol	<SRL	U	1	7.49	13.2		1	7.14	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	8.09		1	2.86	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50
Acetone	<SRL	U	1	2.99	6.38		1	2.86	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	2.86	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	1.50	<SRL	U	1	1.43	1.00
Allyl Chloride	<SRL	U	1	1.50	<SRL	U	1	1.43	1.00
Carbon Disulfide	<SRL	U	1	2.99	<SRL	U	1	2.86	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	1.50	<SRL	U	1	1.43	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	1.37		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	1.97		1	0.71	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

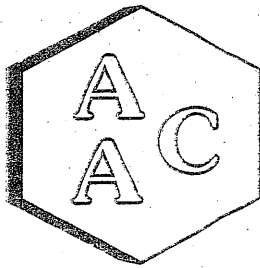
DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240853-56842				240853-56843				
Date Sampled		04/16/2024				04/16/2024				
Date Analyzed		04/17/2024				04/17/2024				
Can Dilution Factor		1.50				1.43				
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	1.50	<SRL	U	1	1.43	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	
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	1.50	<SRL	U	1	1.43	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	1.50	<SRL	U	1	1.43	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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.71	0.50	
BBB-Surrogate Std. % Recovery			87%			88%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

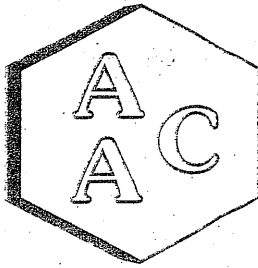
CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
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		240853-56844			240853-56845				
Date Sampled		04/16/2024			04/16/2024				
Date Analyzed		04/17/2024			04/17/2024				
Can Dilution Factor		1.34			1.47				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Propene	<SRL	U	1	1.34	<SRL	U	1	1.47	1.00
Dichlorodifluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Chloromethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Vinyl Chloride	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Methanol	21.1		1	6.70	<SRL	U	1	7.36	5.00
1,3-Butadiene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Bromomethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Chloroethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Dichlorofluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Ethanol	4.01		1	2.68	4.18		1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Acetone	4.10		1	2.68	17.0		1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
2-Propanol (IPA)	<SRL	U	1	2.68	3.00		1	2.94	2.00
Acrylonitrile	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
1,1-Dichloroethene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.34	<SRL	U	1	1.47	1.00
Allyl Chloride	<SRL	U	1	1.34	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.68	<SRL	U	1	2.94	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
1,1-Dichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Vinyl Acetate	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
2-Butanone (MEK)	<SRL	U	1	1.34	<SRL	U	1	1.47	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Hexane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Chloroform	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Ethyl Acetate	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Tetrahydrofuran	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
1,2-Dichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50
Benzene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

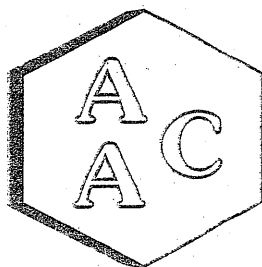
DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240853-56844				240853-56845				
Date Sampled		04/16/2024				04/16/2024				
Date Analyzed		04/17/2024				04/17/2024				
Can Dilution Factor		1.34				1.47				
Compound		Result	Qualifier	Analysis Df		Result	Qualifier	Analysis Df		
Carbon Tetrachloride	<SRL	U	1	0.67		<SRL	U	1		
Cyclohexane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,2-Dichloropropane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
Bromodichloromethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,4-Dioxane	<SRL	U	1	1.34	<SRL	U	1	1.47	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
Heptane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
cis-1,3-Dichloropropene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
trans-1,3-Dichloropropene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,1,2-Trichloroethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
Toluene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.34	<SRL	U	1	1.47	1.00	
Dibromochloromethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,2-Dibromoethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
Tetrachloroethene (PCE)	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
Chlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
Ethylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
m & p-Xylene	<SRL	U	1	1.34	<SRL	U	1	1.47	1.00	
Bromoform	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
Styrene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
o-Xylene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
4-Ethyltoluene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,3,5-Trimethylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,2,4-Trimethylbenzene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,3-Dichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,4-Dichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,2-Dichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
1,2,4-Trichlorobenzene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
Hexachlorobutadiene	<SRL	U	1	0.67	<SRL	U	1	0.74	0.50	
BFB-Surrogate Std. % Recovery		90%				91%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

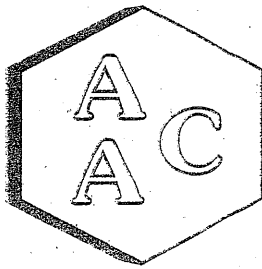
CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
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		240853-56846				240853-56847				
Date Sampled		04/16/2024				04/16/2024				
Date Analyzed		04/17/2024				04/17/2024				
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	0.71	0.50	
Propene	<SRL	U	1	1.40	<SRL	U	1	1.41	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
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	
Methanol	<SRL	U	1	7.01	<SRL	U	1	7.05	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	2.80	<SRL	U	1	2.82	2.00	
Ethanol	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Vinyl Bromide	<SRL	U	1	2.80	<SRL	U	1	2.82	2.00	
Acetone	5.00		1	0.70	<SRL	U	1	0.71	0.50	
Trichlorofluoromethane	<SRL	U	1	2.80	<SRL	U	1	2.82	2.00	
2-Propanol (IPA)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Acrylonitrile	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,1-Dichloroethene	<SRL	U	1	1.40	<SRL	U	1	1.41	1.00	
Methylene Chloride (DCM)	<SRL	U	1	1.40	<SRL	U	1	1.41	1.00	
Allyl Chloride	<SRL	U	1	2.80	<SRL	U	1	2.82	2.00	
Carbon Disulfide	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
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	1.40	<SRL	U	1	1.41	1.00	
2-Butanone (MEK)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
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	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

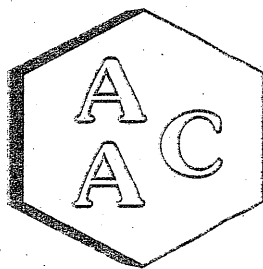
DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240853-56846				240853-56847				
Date Sampled		04/16/2024				04/16/2024				
Date Analyzed		04/17/2024				04/17/2024				
Can Dilution Factor		1.40				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Cyclohexane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,2-Dichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Bromodichloromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,4-Dioxane	<SRL	U	1	1.40	<SRL	U	1	1.41	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
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	1.41	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	1.40	<SRL	U	1	1.41	1.00	
Bromoform	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Styrene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
o-Xylene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
BFB-Surrogate Std. % Recovery		89%				89%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

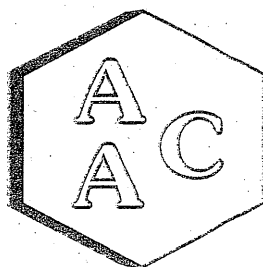
CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
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		240853-56848				240853-56849				
Date Sampled		04/16/2024				04/16/2024				
Date Analyzed		04/17/2024				04/17/2024				
Can Dilution Factor		1.44				1.43				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Propene	<SRL	U	1	1.44	<SRL	U	1	1.43		1.00
Dichlorodifluoromethane	<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
Methanol	8.05		1	7.20	<SRL	U	1	7.15		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	6.32		1	2.88	<SRL	U	1	2.86		2.00
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
Acetone	<SRL	U	1	2.88	3.29		1	2.86		2.00
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.72		0.50
2-Propanol (IPA)	<SRL	U	1	2.88	<SRL	U	1	2.86		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	1.44	<SRL	U	1	1.43		1.00
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.43		1.00
Carbon Disulfide	<SRL	U	1	2.88	<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	1.44	<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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

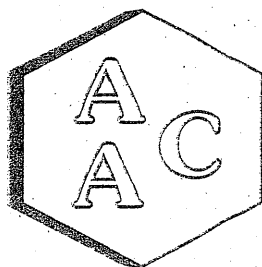
DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID Date Sampled Date Analyzed Can Dilution Factor	MS-12 240853-56848				Sample Reporting Limit (SRL) (MRLxDF's)	SCV 240853-56849			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
						04/16/2024				
						04/17/2024				
	1.44					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	1.44	<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	
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	1.43	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	1.44	<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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.72	0.50	
BFB-Surrogate Std. % Recovery		89%				89%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

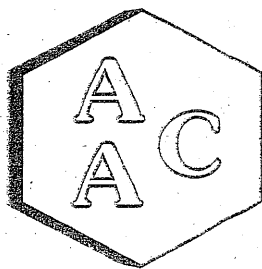
CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
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	240853-56850				240853-56851				
Date Sampled	04/16/2024				04/16/2024				
Date Analyzed	04/17/2024				04/17/2024				
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
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
Methanol	8.10		1	7.26	10.8		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	4.02		1	2.90	6.15		1	2.88	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50
Acetone	<SRL	U	1	2.90	2.88		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	0.73	<SRL	U	1	0.72	0.50
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
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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

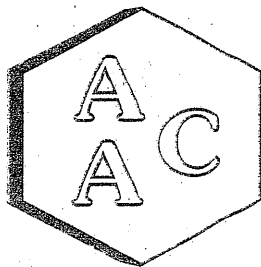
DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240853-56850				240853-56851				
Date Sampled		04/16/2024				04/16/2024				
Date Analyzed		04/17/2024				04/17/2024				
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	
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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50	
BFB-Surrogate Std. % Recovery		85%				92%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

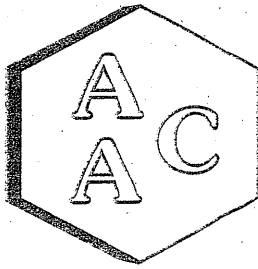
CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
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		240853-56852			240853-56853				
Date Sampled		04/16/2024			04/16/2024				
Date Analyzed		04/17/2024			04/17/2024				
Can Dilution Factor		1.53			1.55				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Propene	<SRL	U	1	1.53	<SRL	U	1	1.55	1.00
Dichlorodifluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Chloromethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Vinyl Chloride	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Methanol	8.92		1	7.67	11.2		1	7.74	5.00
1,3-Butadiene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Bromomethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Chloroethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Dichlorofluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Ethanol	<SRL	U	1	3.07	10.9		1	3.10	2.00
Vinyl Bromide	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Acetone	<SRL	U	1	3.07	3.86		1	3.10	2.00
Trichlorofluoromethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
2-Propanol (IPA)	<SRL	U	1	3.07	<SRL	U	1	3.10	2.00
Acrylonitrile	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
1,1-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.53	<SRL	U	1	1.55	1.00
Allyl Chloride	<SRL	U	1	1.53	<SRL	U	1	1.55	1.00
Carbon Disulfide	<SRL	U	1	3.07	<SRL	U	1	3.10	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
1,1-Dichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Vinyl Acetate	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
2-Butanone (MEK)	<SRL	U	1	1.53	<SRL	U	1	1.55	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Hexane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Chloroform	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Ethyl Acetate	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Tetrahydrofuran	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
1,2-Dichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50
Benzene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

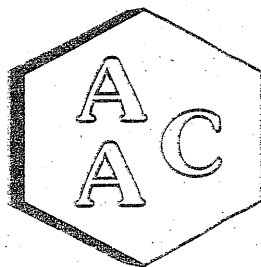
DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240853-56852				240853-56853				
Date Sampled		04/16/2024				04/16/2024				
Date Analyzed		04/17/2024				04/17/2024				
Can Dilution Factor		1.53				1.55				
Compound	Result	Qualifier	Analysis DF			Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Cyclohexane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,2-Dichloropropane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Bromodichloromethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,4-Dioxane	<SRL	U	1	1.53	<SRL	U	1	1.55	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Heptane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
cis-1,3-Dichloropropene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
trans-1,3-Dichloropropene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,1,2-Trichloroethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Toluene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.53	<SRL	U	1	1.55	1.00	
Dibromochloromethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,2-Dibromoethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Tetrachloroethene (PCE)	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Chlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Ethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
m & p-Xylene	<SRL	U	1	1.53	<SRL	U	1	1.55	1.00	
Bromoform	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Styrene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
o-Xylene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
4-Ethyltoluene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,3,5-Trimethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,2,4-Trimethylbenzene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,3-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,4-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,2-Dichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
1,2,4-Trichlorobenzene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
Hexachlorobutadiene	<SRL	U	1	0.77	<SRL	U	1	0.77	0.50	
BFB-Surrogate Std. % Recovery		88%				89%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

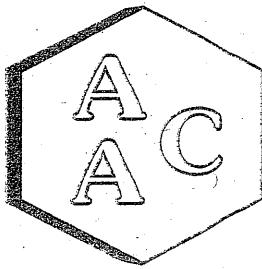
CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
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		240853-56854				240853-56855				
Date Sampled		04/16/2024				04/16/2024				
Date Analyzed		04/17/2024				04/17/2024				
Can Dilution Factor		1.42				1.49				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Propene	<SRL	U	1	1.42	<SRL	U	1	1.49	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Chloromethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Vinyl Chloride	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Methanol	<SRL	U	1	7.12	12.6			7.47	5.00	
1,3-Butadiene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Bromomethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Chloroethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Dichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Ethanol	<SRL	U	1	2.85	3.98			2.99	2.00	
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Acetone	4.06		1	2.85	3.08		1	2.99	2.00	
Trichlorofluoromethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
2-Propanol (IPA)	<SRL	U	1	2.85	<SRL	U	1	2.99	2.00	
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
1,1-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.42	<SRL	U	1	1.49	1.00	
Allyl Chloride	<SRL	U	1	1.42	<SRL	U	1	1.49	1.00	
Carbon Disulfide	<SRL	U	1	2.85	<SRL	U	1	2.99	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
1,1-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Vinyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
2-Butanone (MEK)	<SRL	U	1	1.42	<SRL	U	1	1.49	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Hexane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Chloroform	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Ethyl Acetate	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Tetrahydrofuran	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
1,2-Dichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50	
Benzene	<SRL	U	1	0.71	0.94		1	0.75	0.50	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

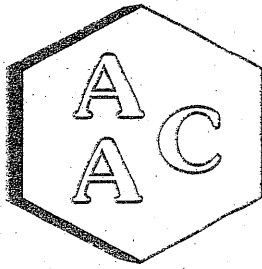
DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

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		240853-56854			240853-56855				
Date Sampled		04/16/2024			04/16/2024				
Date Analyzed		04/17/2024			04/17/2024				
Can Dilution Factor		1.42			1.49				
Compound	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Cyclohexane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,2-Dichloropropane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Bromodichloromethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,4-Dioxane	<SRL	U	1	1.42	<SRL	U	1	1.49	1.00
Trichloroethene (TCE)	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Heptane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Toluene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
2-Hexanone (MBK)	<SRL	U	1	1.42	<SRL	U	1	1.49	1.00
Dibromochloromethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,2-Dibromoethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Chlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Ethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
m & p-Xylene	<SRL	U	1	1.42	<SRL	U	1	1.49	1.00
Bromoform	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Styrene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
o-Xylene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
4-Ethyltoluene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.75	0.50
BFB-Surrogate Std. % Recovery		88%				88%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

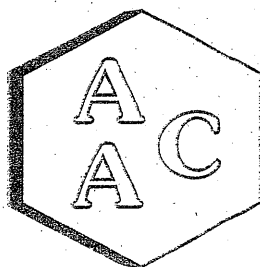
CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-05			Sample Reporting Limit (SRL) (MRLxDF's)	Reaction			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240853-56856				240853-56857				
Date Sampled	04/16/2024				04/16/2024				
Date Analyzed	04/17/2024				04/17/2024				
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	12.5	U	1	1.49	1.00
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Chloromethane	0.80	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
Methanol	11.0	U	1	7.51	36.7	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	3.01	14.8	U	1	2.99	2.00
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
Acetone	3.17	U	1	3.01	10.6	U	1	2.99	2.00
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50
2-Propanol (IPA)	<SRL	U	1	3.01	6.25	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
Allyl Chloride	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00
Carbon Disulfide	<SRL	U	1	3.01	<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	5.75	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	8.74	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	10.3	U	1	0.75	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

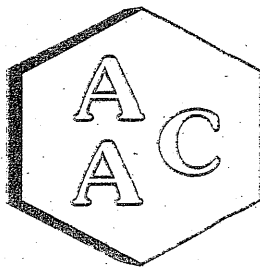
DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-05			Sample Reporting Limit (SRL) (MRLxDF's)	Reaction			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		240853-56856				240853-56857				
Date Sampled		04/16/2024				04/16/2024				
Date Analyzed		04/17/2024				04/17/2024				
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	
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	1.15	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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.75	0.50	
BFB-Surrogate Std. % Recovery		92%				89%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

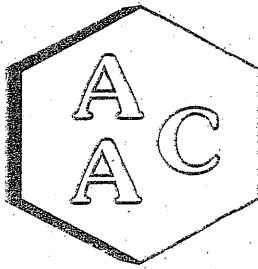
CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Working Face			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240853-56858				
Date Sampled	04/16/2024				
Date Analyzed	04/17/2024				
Can Dilution Factor	1.46				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	0.50
Propene	<SRL	U	1	1.46	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	0.50
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
Methanol	12.0		1	7.29	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	5.75		1	2.92	2.00
Vinyl Bromide	<SRL	U	1	0.73	0.50
Acetone	<SRL	U	1	2.92	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.92	2.00
Acrylonitrile	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	1.00
Allyl Chloride	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.92	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	<SRL	U	1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.73	0.50
Ethyl Acetate	<SRL	U	1	0.73	0.50
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	<SRL	U	1	0.73	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240853
MATRIX : AIR
UNITS : PPB (v/v)

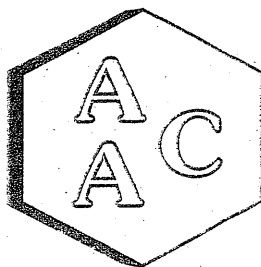
DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Working Face			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240853-56858				
Date Sampled	04/16/2024				
Date Analyzed	04/17/2024				
Can Dilution Factor	1.46				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<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
1,2-Dichlorobenzene	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		90%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report Dimethyl Sulfide via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 240853
MATRIX : AIR

DATE RECEIVED : 04/16/2024
DATE REPORTED : 04/18/2024
ANALYST : DL/CH

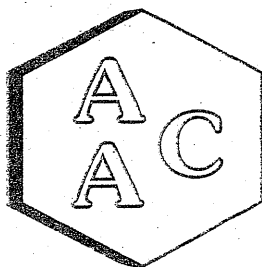
Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethylsulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB- Surrogate Std. % Recovery*
MS-06	240853-56842	04/16/2024	04/17/2024	<SRL	U	1.50	1.0	87%
MS-07	240853-56843	04/16/2024	04/17/2024	0.99		1.43	1.0	88%
MS-08	240853-56844	04/16/2024	04/17/2024	<SRL	U	1.34	1.0	90%
MS-09	240853-56845	04/16/2024	04/17/2024	<SRL	U	1.47	1.0	91%
MS-10	240853-56846	04/16/2024	04/17/2024	<SRL	U	1.40	1.0	89%
MS-11	240853-56847	04/16/2024	04/17/2024	<SRL	U	1.41	1.0	89%
MS-12	240853-56848	04/16/2024	04/17/2024	<SRL	U	1.44	1.0	89%
SCV	240853-56849	04/16/2024	04/17/2024	<SRL	U	1.43	1.0	89%
Chiquito Cyn Rd	240853-56850	04/16/2024	04/17/2024	<SRL	U	1.45	1.0	85%
S End Lincoln	240853-56851	04/16/2024	04/17/2024	<SRL	U	1.44	1.0	92%
MS-01	240853-56852	04/16/2024	04/17/2024	<SRL	U	1.53	1.0	88%
MS-02	240853-56853	04/16/2024	04/17/2024	<SRL	U	1.47	1.0	89%
MS-03	240853-56854	04/16/2024	04/17/2024	<SRL	U	1.42	1.0	88%
MS-04	240853-56855	04/16/2024	04/17/2024	<SRL	U	1.49	1.0	88%
MS-05	240853-56856	04/16/2024	04/17/2024	<SRL	U	1.50	1.0	92%
Reaction	240853-56857	04/16/2024	04/17/2024	1.70		1.49	1.0	89%
Working Face	240853-56858	04/16/2024	04/17/2024	<SRL	U	1.46	1.0	90%

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

RL - Reporting Limit

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/17/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-022324-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 03/18/2024 Calibration

Analyte Compounds	Source ¹	CCV ²	% Recovery ³
4-BFB (surrogate standard)	9.40	9.22	98
Chlorodifluoromethane	10.30	11.78	114
Propene	10.70	12.42	116
Dichlorodifluoromethane	10.40	11.59	111
Dimethyl Ether	10.20	11.68	115
Chloromethane	10.50	11.32	108
Dichlorotetrafluoroethane	10.20	10.32	101
Vinyl Chloride	10.60	11.37	107
Acetaldehyde	21.00	26.41	126
Methanol	19.00	24.02	126
1,3-Butadiene	10.70	12.79	120
Bromomethane	10.40	10.42	100
Chloroethane	10.40	9.30	89
Dichlorofluoromethane	10.20	10.55	103
Ethanol	11.40	12.21	107
Vinyl Bromide	10.10	10.51	104
Acrolein	10.90	12.25	112
Acetone	10.60	10.46	99
Trichlorofluoromethane	10.50	11.15	106
2-Propanol (IPA)	11.00	12.98	118
Acrylonitrile	11.00	12.67	115
1,1-Dichloroethene	10.50	9.93	95
Methylene Chloride (DCM)	10.40	9.95	96
TertButanol (TBA)	11.10	13.46	121
Allyl Chloride	10.20	10.56	104
Carbon Disulfide	10.50	10.84	103
Trichlorotrifluoroethane	10.30	10.34	100
trans-1,2-Dichloroethene	10.80	10.67	99
1,1-Dichloroethane	10.70	11.02	103
Methyl Tert Butyl Ether (MTBE)	10.70	11.22	105
Vinyl Acetate	11.00	13.62	124
2-Butanone (MEK)	10.70	10.31	96
cis-1,2-Dichloroethene	10.70	10.43	97
Hexane	10.80	10.06	93
Chloroform	10.70	10.65	100
Ethyl Acetate	10.70	12.22	114
Tetrahydrofuran	10.40	10.01	96
1,2-Dichloroethane	10.60	11.06	104
1,1,1-Trichloroethane	10.50	10.75	102
Benzene	10.70	10.55	99
Carbon Tetrachloride	10.30	11.08	108
Cyclohexane	10.50	9.94	95

Analyte Compounds (Continued)	Source ¹	CCV ²	% Recovery ³
1,2-Dichloropropane	10.70	11.16	104
Bromodichloromethane	10.50	11.00	105
1,4-Dioxane	10.50	10.14	97
Trichloroethene (TCE)	10.50	10.34	98
2,2,4-Trimethylpentane	10.10	10.92	108
Methyl Methacrylate	11.00	11.51	105
Heptane	10.50	10.34	98
cis-1,3-Dichloropropene	10.50	10.79	103
4-Methyl-2-pentanone (MiBK)	10.50	11.10	106
trans-1,3-Dichloropropene	10.60	11.02	104
1,1,2-Trichloroethane	10.60	9.96	94
Toluene	10.80	10.22	95
2-Hexanone (MBK)	10.50	11.80	112
Dibromochloromethane	10.60	10.79	102
1,2-Dibromoethane	10.60	10.36	98
Tetrachloroethene (PCE)	10.50	9.64	92
Chlorobenzene	10.80	10.12	94
Ethylbenzene	10.60	10.40	98
m & p-Xylene	21.20	19.70	93
Bromoform	10.60	10.78	102
Styrene	10.60	10.80	102
1,1,2,2-Tetrachloroethane	10.60	10.27	97
o-Xylene	10.60	10.39	98
1,2,3-Trichloropropane	11.00	10.99	100
Isopropylbenzene (Cumene)	10.40	10.07	97
α-Pinene	10.80	9.62	89
2-Chlorotoluene	10.30	10.33	100
n-Propylbenzene	10.10	9.79	97
4-Ethyltoluene	10.40	9.67	93
1,3,5-Trimethylbenzene	10.30	9.72	94
β-Pinene	10.90	8.53	78
1,2,4-Trimethylbenzene	10.30	9.84	96
Benzyl Chloride (a-Chlorotoluene)	10.30	10.86	105
1,3-Dichlorobenzene	10.30	9.97	97
1,4-Dichlorobenzene	10.20	9.85	97
Sec-ButylBenzene	10.10	9.55	95
1,2-Dichlorobenzene	10.40	9.80	94
n-ButylBenzene	10.30	10.07	98
1,2-Dibromo-3-Chloropropane	10.30	10.16	99
1,2,4-Trichlorobenzene	10.50	10.43	99
Naphthalene	10.90	11.74	108
Hexachlorobutadiene	10.80	9.38	87

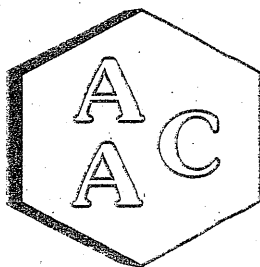
¹ Concentration of analyte compound in certified source standard.

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

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

* - β-Pinene results are estimated.





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/17/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MSI-022324-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

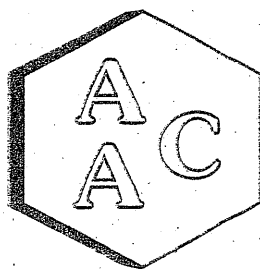
System Monitoring Compounds	Sample Concentration	Spike Added	LCS ¹ Recovery	LCSD ¹ Recovery	LCS ¹ % Recovery ²	LCSD ¹ % Recovery ²	RPD ³
4-BFB (surrogate standard)	0.0	9.40	9.22	9.28	98	99	0.6
1,1-Dichloroethene	0.0	10.50	9.93	9.95	95	95	0.2
Methylene Chloride (DCM)	0.0	10.40	9.95	10.02	96	96	0.7
Benzene	0.0	10.70	10.55	10.34	99	97	2.0
Trichloroethene (TCE)	0.0	10.50	10.34	10.38	98	99	0.4
Toluene	0.0	10.80	10.22	10.10	95	94	1.2
Tetrachloroethene (PCE)	0.0	10.50	9.64	9.69	92	92	0.5
Chlorobenzene	0.0	10.80	10.12	9.97	94	92	1.5
Ethylbenzene	0.0	10.60	10.40	10.14	98	96	2.5
m & p-Xylene	0.0	21.20	19.70	19.02	93	90	3.5
o-Xylene	0.0	10.60	10.39	10.28	98	97	1.1

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

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

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/17/2024

INSTRUMENT ID : GC/MS-04

MATRIX : High Purity He or N₂

ANALYST : DL

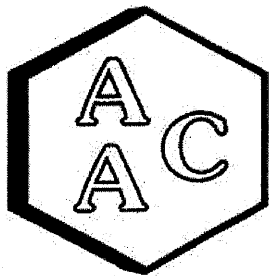
UNITS : PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 041724	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 041724	Reporting Limit (RL)
4-BFB (surrogate standard)	88%	100±30%	1,2-Dichloropropane	<RL	0.5
Chlorodifluoromethane	<RL	0.5	Bromodichloromethane	<RL	0.5
Propene	<RL	1.0	1,4-Dioxane	<RL	1.0
Dichlorodifluoromethane	<RL	0.5	Trichloroethene (TCE)	<RL	0.5
Dimethyl Ether	<RL	0.5	2,2,4-Trimethylpentane	<RL	0.5
Chloromethane	<RL	0.5	Methyl Methacrylate	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5	Heptane	<RL	0.5
Vinyl Chloride	<RL	0.5	cis-1,3-Dichloropropene	<RL	0.5
Acetaldehyde	<RL	5.0	4-Methyl-2-pentanone (MiBK)	<RL	0.5
Methanol	<RL	5.0	trans-1,3-Dichloropropene	<RL	0.5
1,3-Butadiene	<RL	0.5	1,1,2-Trichloroethane	<RL	0.5
Bromomethane	<RL	0.5	Toluene	<RL	0.5
Chloroethane	<RL	0.5	2-Hexanone (MBK)	<RL	1.0
Dichlorofluoromethane	<RL	0.5	Dibromochloromethane	<RL	0.5
Ethanol	<RL	2.0	1,2-Dibromoethane	<RL	0.5
Vinyl Bromide	<RL	0.5	Tetrachloroethene (PCE)	<RL	0.5
Acrolein	<RL	1.0	Chlorobenzene	<RL	0.5
Acetone	<RL	2.0	Ethylbenzene	<RL	0.5
Trichlorofluoromethane	<RL	0.5	m & p-Xylene	<RL	1.0
2-Propanol (IPA)	<RL	2.0	Bromoform	<RL	0.5
Acrylonitrile	<RL	0.5	Styrene	<RL	0.5
1,1-Dichloroethene	<RL	0.5	1,1,2,2-Tetrachloroethane	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0	o-Xylene	<RL	0.5
TertButanol (TBA)	<RL	0.5	1,2,3-Trichloropropane	<RL	0.5
Allyl Chloride	<RL	1.0	Isopropylbenzene (Cumene)	<RL	0.5
Carbon Disulfide	<RL	2.0	α-Pinene	<RL	0.5
Trichlorotrifluoroethane	<RL	0.5	2-Chlorotoluene	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5	n-Propylbenzene	<RL	0.5
1,1-Dichloroethane	<RL	0.5	4-Ethyltoluene	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5	1,3,5-Trimethylbenzene	<RL	0.5
Vinyl Acetate	<RL	0.5	β-Pinene	<RL	0.5
2-Butanone (MEK)	<RL	1.0	1,2,4-Trimethylbenzene	<RL	0.5
cis-1,2-Dichloroethene	<RL	0.5	Benzyl Chloride (α-Chlorotoluene)	<RL	0.5
Hexane	<RL	0.5	1,3-Dichlorobenzene	<RL	0.5
Chloroform	<RL	0.5	1,4-Dichlorobenzene	<RL	0.5
Ethyl Acetate	<RL	0.5	Sec-ButylBenzene	<RL	0.5
Tetrahydrofuran	<RL	0.5	1,2-Dichlorobenzene	<RL	0.5
1,2-Dichloroethane	<RL	0.5	n-ButylBenzene	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5	1,2-Dibromo-3-Chloropropane	<RL	0.5
Benzene	<RL	0.5	1,2,4-Trichlorobenzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5	Naphthalene	<RL	0.5
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/17/2024

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

ANALYST : DL

DILUTION FACTOR¹ : x1.43

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 240853-56843

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.30	8.38	1.0
Chlorodifluoromethane	<SRL	<SRL	NA
Propene	1.63	1.44	12.1
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	13.2	13.2	0.1
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	8.10	8.60	6.0
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	6.39	6.19	3.2
Trichlorofluoromethane	<SRL	<SRL	NA
2-Propanol (IPA)	J 1.87	1.96	4.5
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 1.39	1.29	7.5
cis-1,2-Dichloroethene	<SRL	<SRL	NA
Hexane	<SRL	<SRL	NA
Chloroform	<SRL	<SRL	NA
Ethyl Acetate	<SRL	<SRL	NA
Tetrahydrofuran	1.37	1.44	5.1
1,2-Dichloroethane	<SRL	<SRL	NA
1,1,1-Trichloroethane	<SRL	<SRL	NA
Benzene	1.97	2.04	3.6
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.



240853



CHAIN OF CUSTODY AND ANALYSIS REQUEST

Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER				Project Name CHIQUITA [ON / OFF] Project Number 01204123.21 TASK 22				AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com							
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal				Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>Paul Schaf</i>				Send Invoice To (Name/Email/Address)							
Client Sample Name				Sample ID		Sampling Date		Sampling Time		Container Type/Qty		Analysis Requested		PO Number	
MS-06				56842		4/16		1153		Summa 1		X		TO-15 FULL LIST + DMS	
MS-07				56843				0932				X			
MS-08				56844				1038				X			
MS-09				56845				1026				X			
MS-10				56846				0953				X			
MS-11				56847				0907				X			
MS-12				56848				1047				X			
SCV				56849				1009				X			
Chiquito Cyn Rd				56850				1107				X			
S End Lincoln				56851				1056				X			
Client Notes/Special Instructions:												EDD? ☐ Yes ☐ NO			
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Paul Schaf</i>				Date 4/16		Received By Print: _____ Signature: _____		Date 4/16		Time 1535		Time 1537			
Relinquished By Print: _____ Signature: _____				Date _____		Received By Print: _____ Signature: _____		Date 4/16/24		Time 1537		Time 1537			

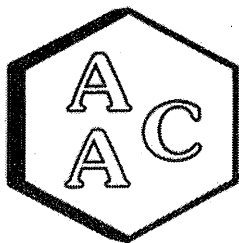
06-17x cans

240853

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



Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER				Project Name CHIQUITA [ON / OFF]				Project Number 01204123.21 TASK 22				AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com			
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal				Sampler Name Print: Signature:				Analysis Requested 307.91 SULFUR				Send Invoice To (Name/Email/Address)			
Client Sample Name				Sample ID		Sampling Date		Sampling Time		Container Type/Qty		PO Number			
MS-06				56859		4/16		1153		Teller 1		LAB USE ONLY			
MS-07				56860				0932				Samples Analyzed			
MS-08				56861				1038				Lab			
MS-09				56862				1026				Elutriates			
MS-10				56863				0953				Elutriates			
MS-11				56864				0907				Elutriates			
MS-12				56865				1047				Elutriates			
SCV				56866				1609				Elutriates			
Chiquito Cyn Rd				56867				1107				Elutriates			
S End Lincoln				56868		✓		1056		✓		Elutriates			
Client Notes/Special Instructions:												EDD? ☐ Yes ☐ No		LAB USE ONLY	
Relinquished By Print: Armando Hurtado Signature: Paul Schaffer				Date 4/16		Received By Print:		Date 4/16		Time 1535		Time 1535			
Relinquished By Print:				Date		Received By Print:		Date		Time		Time			
Signature:				Time		Signature:		Time		Signature:		Time			



Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita [ON / OFF]
PROJECT NUMBER : 01204123.21 TASK 22
AAC PROJECT NO. : 240853
REPORT DATE : 04/19/2024

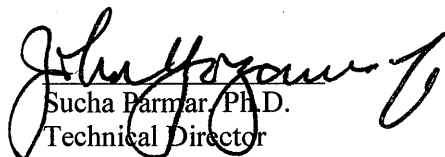
On April 16th 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
MS-06	240853-56859	S End Lincoln	240853-56868
MS-07	240853-56860	MS-01	240853-56869
MS-08	240853-56861	MS-02	240853-56870
MS-09	240853-56862	MS-03	240853-56871
MS-10	240853-56863	MS-04	240853-56872
MS-11	240853-56864	MS-05	240853-56873
MS-12	240853-56865	Reaction	240853-56874
SCV	240853-56866	Working Face	240853-56875
Chiquita Cyn Rd.	240853-56867		

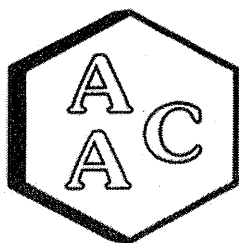
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aacalab.com.

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.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

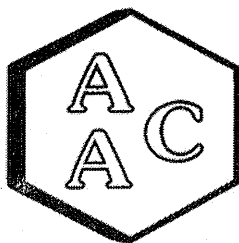
CLIENT : SCS Engineers
PROJECT NO. : 240853
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/16/2024
RECEIVING DATE : 04/16/2024
ANALYSIS DATE : 04/16-17/2024
REPORT DATE : 04/19/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	240853-56859	240853-56860	240853-56861	240853-56862	240853-56863	240853-56864
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	0.010	0.009	0.011	< 0.005	0.008	< 0.005
COS / SO ₂	< 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	0.010	0.009	0.011	< 0.005	0.008	< 0.005

All unidentified compound's concentrations expressed in terms of H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

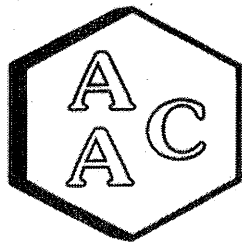
CLIENT : SCS Engineers
PROJECT NO. : 240853
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/16/2024
RECEIVING DATE : 04/16/2024
ANALYSIS DATE : 04/17/2024
REPORT DATE : 04/19/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	SCV	Chiquita Cyn Rd.	S End Lincoln	MS-01	MS-02
AAC ID	240853-56865	240853-56866	240853-56867	240853-56868	240853-56869	240853-56870
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	0.006	< 0.005	< 0.005	0.007	0.008	< 0.005
COS / SO ₂	< 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	0.006	< 0.005	< 0.005	0.007	0.008	< 0.005

All unidentified compound's concentrations expressed in terms of H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

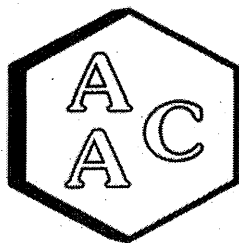
CLIENT : SCS Engineers
PROJECT NO. : 240853
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/16/2024
RECEIVING DATE : 04/16/2024
ANALYSIS DATE : 04/17/2024
REPORT DATE : 04/19/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Reaction	Working Face
AAC ID	240853-56871	240853-56872	240853-56873	240853-56874	240853-56875
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	0.006	0.006	0.008	< 0.005
COS / SO ₂	< 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	0.006	0.006	0.013	< 0.005

All unidentified compound's concentrations expressed in terms of H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 4/16/2024
Analyst: CM/KM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 01/25/2024

Opening Calibration Verification Standard

0.511 ppbV H₂S (GC-110223-01)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11216	0.520	101.8	2.8
Duplicate	10623	0.493	96.4	2.6
Triplicate	10897	0.505	98.9	0.1

0.502 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	9591	0.517	103.1	4.6
Duplicate	8873	0.479	95.3	3.3
Triplicate	9056	0.489	97.3	1.3

0.497 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12411	0.515	103.6	3.4
Duplicate	11667	0.484	97.4	2.8
Triplicate	11924	0.495	99.6	0.6

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 240745-56257

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate

240745-56257 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	0.256	0.253	0.271	99.0	106.1	6.9
MeSH	<PQL	0.251	0.265	0.268	105.6	106.8	1.1
DMS	<PQL	0.249	0.265	0.269	106.6	108.2	1.5

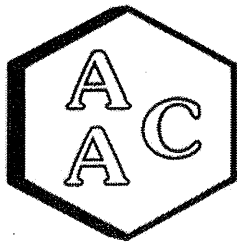
Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.511	0.511	100.0
MeSH	0.502	0.497	99.0
DMS	0.497	0.486	97.8

* 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



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 4/17/2024
Analyst: CM/KM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 01/25/2024

Opening Calibration Verification Standard

0.511 ppbV H₂S (GC-110223-01)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10709	0.497	97.2	2.0
Duplicate	10973	0.509	99.6	0.4
Triplicate	11098	0.515	100.7	1.6

0.502 ppbV H₂S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	9216	0.497	99.0	2.3
Duplicate	9474	0.511	101.8	0.4
Triplicate	9611	0.518	103.3	1.9

0.497 ppbV H₂S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12322	0.511	102.9	0.9
Duplicate	12410	0.515	103.6	0.2
Triplicate	12567	0.521	104.9	1.1

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 240745-56257

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate

240745-56257 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	0.256	0.255	0.246	99.8	96.3	3.6
MeSH	<PQL	0.251	0.256	0.266	102.0	106.0	3.8
DMS	<PQL	0.249	0.270	0.273	108.7	109.9	1.1

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.511	0.508	99.4
MeSH	0.502	0.509	101.4
DMS	0.497	0.518	104.2

* 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

240853



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@aacilab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003				AAC Project No.: Send Report To (Name/Email/Address): pschafer@scsengineers.com rhuff@scsengineers.com	
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON / OFF] Project Number 01204123.21 TASK 22		Analysis Requested	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: Signature:		PO Number	
Client Sample Name		Sample ID	Sampling Date	Sampling Time	Container Type/Qty
MS-06	56859	4/16	1153	Teller 1	X
MS-07	56860		0932		X
MS-08	56861		1038		X
MS-09	56862		1026		X
MS-10	56863		0953		X
MS-11	56864		0907		X
MS-12	56865		1047		X
SCV	56866		1609		X
Chiquita Cyn Rd	56867		1107		X
5 End Lincoln	56868		1056		X
Client Notes/Special Instructions:					
Relinquished By Print: Armando Hurtado Signature: <i>Armando Hurtado</i>		Received By Print: <i>Paul Schaffer</i> Signature: <i>Paul Schaffer</i>		EDD? ☐ Yes ☐ No	
Relinquished By Print: <i>Paul Schaffer</i> Signature: <i>Paul Schaffer</i>		Received By Print: <i>Paul Schaffer</i> Signature: <i>Paul Schaffer</i>		Date Date 4/16/17 Time 1535	
LAB USE ONLY					
LAB USE ONLY					



240853

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.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com			
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA (ON / OFF) Project Number 01204123.21 TASK 22		Analysis Requested			
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>Paul Schaffer</i>		307.91 SULFUR			
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty			
MS-01	56869	4/16	1242	Tedlar 1	X		
MS-02	56870		1133		X		
MS-03	56871		1204		X		
MS-04	56872		1319		X		
MS-05	56873		1227		X		
Reaction	56874		1301		X		
Working face	56875		1217		X		
Client Notes/Special Instructions:							
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Paul Schaffer</i>				Received By Date: 4/16 Time: 1535 Signature: <i>Armando Hurtado</i>			
Relinquished By Print: Signature:				Received By Date: Time: Signature:			

EDD? ☐ Yes ☐ No	LAB USE ONLY Notes
Date	Date
Time	Time
Date	Date
Time	Time

LAB USE ONLY
Lab ID
Sample Received via
☐ FedEx
☐ UPS
☐ Courier
☐ Other
Temperature
Thermometer
ID
Initials
Returned Empty
Total Cans
Unused Cans
Flow Controller



240853

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

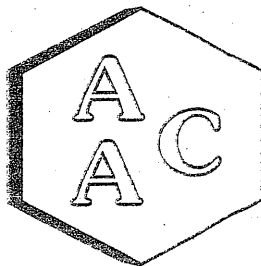
Atmospheric Analysis and Consulting • Phone: 805-650-1642 • Email: info@aaclab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003				AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com Send Invoice To (Name/Email/Address)			
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON / OFF] Project Number 01204123.21 TASK 22		Analysis Requested TO-15 FULL LIST + DMS		PO Number	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <u>Armando Hurtado</u> Signature: <u>Paul Schaffer</u>		LAB USE ONLY			
Client Sample Name		Sample ID		Sampling Date		Sampling Time	
MS-06 MS-07 MS-08 MS-09 MS-10 MS-11 MS-12 SCV Chiquito Cyn Rd S End Lincoln		56842 56843 56844 56845 56846 56847 56848 56849 56850 56851		4/16 4/16 4/16 4/16 4/16 4/16 4/16 4/16 4/16 4/16		1153 0932 1038 1026 0953 0907 1047 1009 1107 1056	
Container Type/Qty		Sample 1 Sample 2 Sample 3 Sample 4 Sample 5 Sample 6 Sample 7 Sample 8 Sample 9 Sample 10		X X X X X X X X X X		LAB USE ONLY	
Client Notes/Special Instructions:		EDD? ☐ Yes ☐ No		Date Time Date 4/16/24 Time 1537		LAB USE ONLY	
Relinquished By Print: <u>Armando Hurtado</u> Signature: <u>Paul Schaffer</u>		Received By Date 4/16 Time 1535 Signature: <u>Paul Schaffer</u>		Relinquished By Print: <u>Paul Schaffer</u> Signature: <u>Paul Schaffer</u>		Received By Date 4/16/24 Time 1537	

240853



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@aalab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003				AAC Project No.: Send Report To (Name/Email/Address): pschafer@scsengineers.com rhuff@scsengineers.com			
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHIAFER				Project Name CHIQUITA (ON / 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: <i>Armando Hurtado</i> Signature: <i>Paul Schiafer</i>			
Client Sample Name MS-01 MS-02 MS-03 MS-04 MS-05 Reaction Working Face				Sample ID 56852 56853 56854 56855 56856 56857 56858			
Sampling Date 4/16				Sampling Time 1242 1133 1204 1319 1227 1301 1217			
Container Type/Qty Surveys 1				TO-15 FULL LIST + DMS X X X X X X X			
Analysis Requested				LAB USE ONLY Lab ID Sample Recd via ☐ FedEx ☐ UPS ☐ Courier ☐ Other Temperature Thermometer ID Initials Size/Weight Total Tare Unseal Tare Flow Control			
Client Notes/Special Instructions:				EDD? ☐ Yes ☐ No			
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Paul Schiafer</i>				Received By Date 4/16 Time 1535 Signature: <i>Armando Hurtado</i>			
Relinquished by Print: Signature:				Received By Date Time Signature: <i>Armando Hurtado</i>			



Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 240909
REPORT DATE : 04/25/2024

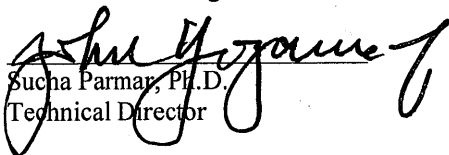
On April 23, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)	Client ID	Lab ID	Return Pressure (mmHga)
MS-06	240909-57167	708.0	SCV	240909-57176	725.5
MS-07	240909-57168	727.0	MS-01	240909-57177	693.0
MS-08	240909-57169	722.0	MS-02	240909-57178	760.0
MS-09	240909-57170	722.0	MS-03	240909-57179	702.0
MS-10	240909-57171	708.5	MS-04	240909-57180	689.5
MS-11	240909-57172	759.0	MS-05	240909-57181	699.5
MS-12	240909-57173	711.5	Working Face	240909-57182	707.5
Chiquito Cyn Rd	240909-57174	728.0	Reaction	240909-57183	698.5
S End Lincoln	240909-57175	723.0	--	--	--

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.

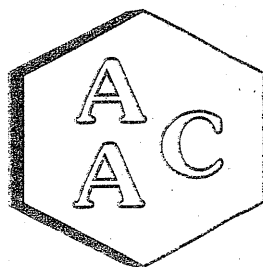
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.


Sucha Parmar, Ph.D.
Technical Director

This report consists of 28 pages.

Page 1





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

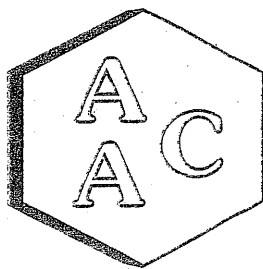
CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
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		240909-57167				240909-57168				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.43				1.40				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
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	
Chloromethane	0.96		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	
Methanol	<SRL	U	1	7.17	9.52		1	6.98	5.00	
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
Ethanol	<SRL	U	1	2.87	<SRL	U	1	2.79	2.00	
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
Acetone	4.42		1	2.87	<SRL	U	1	2.79	2.00	
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
2-Propanol (IPA)	<SRL	U	1	2.87	<SRL	U	1	2.79	2.00	
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
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	
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00	
Carbon Disulfide	<SRL	U	1	2.87	<SRL	U	1	2.79	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
2-Butanone (MEK)	<SRL	U	1	1.43	<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	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

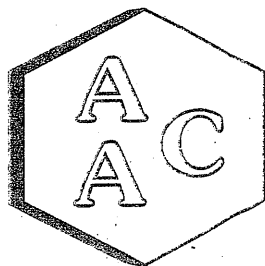
DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

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		240909-57167				240909-57168				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
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	
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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.70	0.50	
BFB-Surrogate Std. % Recovery		89%			86%			70-130%		

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

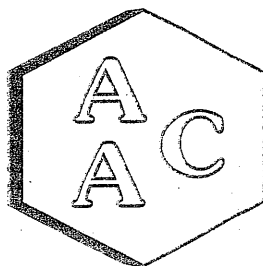
CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
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		240909-57169			240909-57170				
Date Sampled		04/23/2024			04/23/2024				
Date Analyzed		04/24/2024			04/24/2024				
Can Dilution Factor		1.41			1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Propene	<SRL	U	1	1.41	<SRL	U	1	1.41	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
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
Methanol	<SRL	U	1	7.04	<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	2.82	2.96		1	2.82	2.00
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Acetone	<SRL	U	1	2.82	6.34		1	2.82	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.82	<SRL	U	1	2.82	2.00
Acrylonitrile	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.41	<SRL	U	1	1.41	1.00
Allyl Chloride	<SRL	U	1	1.41	<SRL	U	1	1.41	1.00
Carbon Disulfide	<SRL	U	1	2.82	<SRL	U	1	2.82	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Vinyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
2-Butanone (MEK)	<SRL	U	1	1.41	<SRL	U	1	1.41	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Hexane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Chloroform	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Ethyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Tetrahydrofuran	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,2-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Benzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

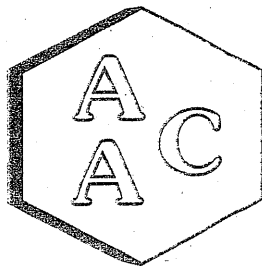
DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

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		240909-57169				240909-57170				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.41				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
Cyclohexane	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
1,2-Dichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
Bromodichloromethane	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
1,4-Dioxane	<SRL	U	1	1.41	<SRL	U	1	1.41		1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
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	1.41	<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	1.41	<SRL	U	1	1.41		1.00
Bromoform	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
Styrene	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
o-Xylene	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.70	<SRL	U	1	0.70		0.50
BFB-Surrogate Std. % Recovery		89%				88%				70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

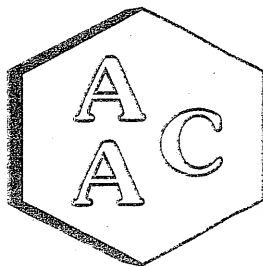
CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-10			Sample Reporting Limit (SRL) (MRLΔDF's)	MS-11			Sample Reporting Limit (SRL) (MRLΔDF's)	Method Reporting Limit (MRL)
AAC ID		240909-57171				240909-57172				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.44				1.34				
Compound	Result	Qualifier	Analysis DF			Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Propene	<SRL	U	1	1.44	<SRL	U	1	1.34	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Chloromethane	0.86		1	0.72	<SRL	U	1	0.67	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Vinyl Chloride	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Methanol	<SRL	U	1	7.21	18.2		1	6.69	5.00	
1,3-Butadiene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Bromomethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Chloroethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Dichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Ethanol	3.13		1	2.88	<SRL	U	1	2.67	2.00	
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Acetone	3.29		1	2.88	<SRL	U	1	2.67	2.00	
Trichlorofluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
2-Propanol (IPA)	<SRL	U	1	2.88	<SRL	U	1	2.67	2.00	
Acrylonitrile	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
1,1-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.44	<SRL	U	1	1.34	1.00	
Allyl Chloride	<SRL	U	1	1.44	<SRL	U	1	1.34	1.00	
Carbon Disulfide	<SRL	U	1	2.88	<SRL	U	1	2.67	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
1,1-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Vinyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
2-Butanone (MEK)	<SRL	U	1	1.44	<SRL	U	1	1.34	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Hexane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Chloroform	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Ethyl Acetate	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Tetrahydrofuran	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
1,2-Dichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	
Benzene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

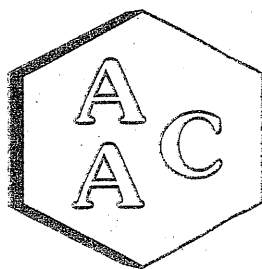
DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

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	240909-57171				240909-57172				
Date Sampled	04/23/2024				04/23/2024				
Date Analyzed	04/24/2024				04/24/2024				
Can Dilution Factor	1.44				1.34				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Cyclohexane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,2-Dichloropropane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Bromodichloromethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,4-Dioxane	<SRL	U	1	1.44	<SRL	U	1	1.34	1.00
Trichloroethene (TCE)	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Heptane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Toluene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
2-Hexanone (MBK)	<SRL	U	1	1.44	<SRL	U	1	1.34	1.00
Dibromochloromethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,2-Dibromoethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Chlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Ethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
m & p-Xylene	<SRL	U	1	1.44	<SRL	U	1	1.34	1.00
Bromoform	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Styrene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
o-Xylene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
4-Ethyltoluene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.67	0.50
BFB-Surrogate Std. % Recovery		88%				87%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

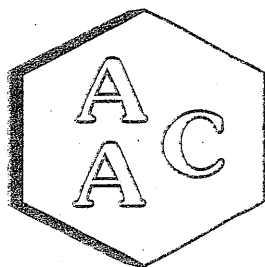
CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	MS-12			Sample Reporting Limit (SRL) (MRLxDF's)	Chiquito Cyn Rd			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240909-57173				240909-57174				
Date Sampled	04/23/2024				04/23/2024				
Date Analyzed	04/24/2024				04/24/2024				
Can Dilution Factor	1.43				1.40				
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	1.40	1.00
Dichlorodifluoromethane	<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
Methanol	<SRL	U	1	7.13	<SRL	U	1	7.00	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	2.90		1	2.85	<SRL	U	1	2.80	2.00
Vinyl Bromide	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
Acetone	<SRL	U	1	2.85	<SRL	U	1	2.80	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	2.80	2.00
Acrylonitrile	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50
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	1.40	1.00
Allyl Chloride	<SRL	U	1	1.43	<SRL	U	1	1.40	1.00
Carbon Disulfide	<SRL	U	1	2.85	<SRL	U	1	2.80	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	1.40	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





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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

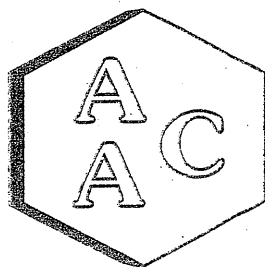
DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-12			Sample Reporting Limit (SRL) (MRLxDF's)	Chiquito Cyn Rd			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		240909-57173				240909-57174				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.43				1.40				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
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	1.40	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	
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	1.40	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	1.40	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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.71	<SRL	U	1	0.70	0.50	
BFB-Surrogate Std. % Recovery		87%				88%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

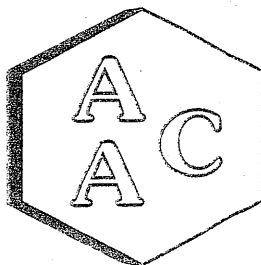
CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Lincoln			Sample Reporting Limit (SRL) (MRLxDF's)	SCV			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		240909-57175				240909-57176				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.41				1.42				
Compound	Result	Qualifier	Analysis DF			Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Propene	<SRL	U	1	1.41	<SRL	U	1	1.42	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
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	
Methanol	10.0		1	7.04	<SRL	U	1	7.12	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	4.80		1	2.85	2.00	
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Acetone	<SRL	U	1	2.81	10.3		1	2.85	2.00	
Trichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
2-Propanol (IPA)	<SRL	U	1	2.81	<SRL	U	1	2.85	2.00	
Acrylonitrile	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,1-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.41	<SRL	U	1	1.42	1.00	
Allyl Chloride	<SRL	U	1	1.41	<SRL	U	1	1.42	1.00	
Carbon Disulfide	<SRL	U	1	2.81	<SRL	U	1	2.85	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,1-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Vinyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
2-Butanone (MEK)	<SRL	U	1	1.41	<SRL	U	1	1.42	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Hexane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Chloroform	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Ethyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Tetrahydrofuran	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,2-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Benzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

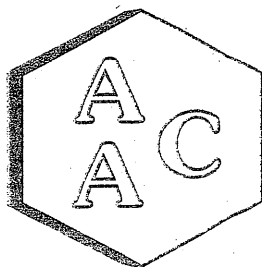
DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Lincoln			Sample Reporting Limit (SRL) (MRL×DF's)	SCV			Sample Reporting Limit (SRL) (MRL×DF's)	Method Reporting Limit (MRL)
AAC ID		240909-57175				240909-57176				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.41				1.42				
Compound	Result	Qualifier	Analysis DF			Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Cyclohexane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,2-Dichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Bromodichloromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,4-Dioxane	<SRL	U	1	1.41	<SRL	U	1	1.42	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Heptane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
cis-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
trans-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,1,2-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Toluene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.41	<SRL	U	1	1.42	1.00	
Dibromochloromethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,2-Dibromoethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Tetrachloroethene (PCE)	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Chlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Ethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
m & p-Xylene	<SRL	U	1	1.41	<SRL	U	1	1.42	1.00	
Bromoform	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
Styrene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
o-Xylene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.70	<SRL	U	1	0.71	0.50	
BFB-Surrogate Std. % Recovery		89%				88%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

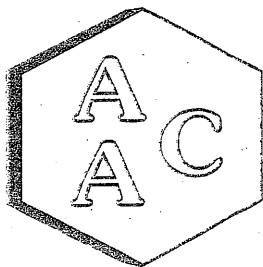
CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
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		240909-57177				240909-57178				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.51				1.41				
Compound	Result	Qualifier	Analysis DF			Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Propene	<SRL	U	1	1.51	<SRL	U	1	1.41	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Chloromethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Methanol	<SRL	U	1	7.55	18.2		1	7.03	5.00	
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Ethanol	<SRL	U	1	3.02	<SRL	U	1	2.81	2.00	
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Acetone	<SRL	U	1	3.02	19.9		1	2.81	2.00	
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
2-Propanol (IPA)	<SRL	U	1	3.02	<SRL	U	1	2.81	2.00	
Acrylonitrile	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.51	<SRL	U	1	1.41	1.00	
Allyl Chloride	<SRL	U	1	1.51	<SRL	U	1	1.41	1.00	
Carbon Disulfide	<SRL	U	1	3.02	<SRL	U	1	2.81	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
2-Butanone (MEK)	<SRL	U	1	1.51	<SRL	U	1	1.41	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Hexane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Chloroform	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Benzene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	





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Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

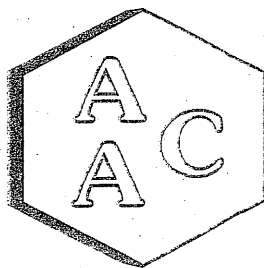
DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

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		240909-57177				240909-57178				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.51				1.41				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,4-Dioxane	<SRL	U	1	1.51	<SRL	U	1	1.41	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Heptane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Toluene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.51	<SRL	U	1	1.41	1.00	
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
m & p-Xylene	<SRL	U	1	1.51	<SRL	U	1	1.41	1.00	
Bromoform	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Styrene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.70	0.50	
BFB-Surrogate Std. % Recovery		88%				87%				70-130%

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





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Laboratory Analysis Report

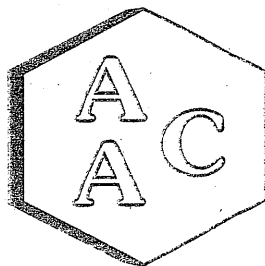
CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
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		240909-57179				240909-57180				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
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	0.74	0.50	
Propene	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.72	<SRL	U	1	0.74	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	
Methanol	<SRL	U	1	7.23	9.26		1	7.35	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	3.13		1	2.94	2.00	
Vinyl Bromide	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50	
Acetone	<SRL	U	1	2.89	3.03		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	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	1.47	1.00	
Allyl Chloride	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00	
Carbon Disulfide	<SRL	U	1	2.89	<SRL	U	1	2.94	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	1.45	<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	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

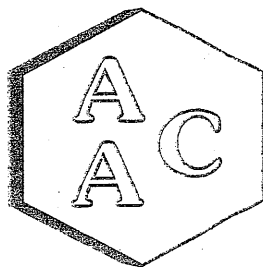
DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-03			Sample Reporting Limit (SRL) (MRL×DF's)	MS-04			Sample Reporting Limit (SRL) (MRL×DF's)	Method Reporting Limit (MRL)
AAC ID		240909-57179				240909-57180				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.45				1.47				
Compound	Result	Qualifier	Analysis DF	(MRL×DF's)	Result	Qualifier	Analysis DF	(MRL×DF'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	1.45	<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	
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	1.47	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	1.45	<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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.72	<SRL	U	1	0.74	0.50	
BFB-Surrogate Std. % Recovery		87%				87%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

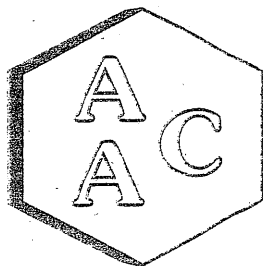
CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
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		240909-57181				240909-57182				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.45				1.44				
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	1.45	<SRL	U	1	1.44	1.00	
Dichlorodifluoromethane	<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	
Methanol	8.94		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	
Acetone	<SRL	U	1	2.90	<SRL	U	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	0.73	<SRL	U	1	0.72	0.50	
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	
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	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

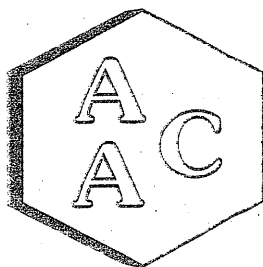
DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

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		240909-57181				240909-57182				
Date Sampled		04/23/2024				04/23/2024				
Date Analyzed		04/24/2024				04/24/2024				
Can Dilution Factor		1.45				1.44				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50	
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50	
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50	
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50	
1,4-Dioxane	<SRL	U	1	1.45	<SRL	U	1	1.44	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	
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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.72	0.50	
BFB-Surrogate Std. % Recovery			88%			87%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/23/2024

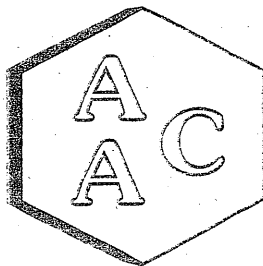
DATE REPORTED : 04/25/2024

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	240909-57183				
Date Sampled	04/23/2024				
Date Analyzed	04/24/2024				
Can Dilution Factor	1.46				
Compound	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	0.50
Propene	4.26		1	1.46	1.00
Dichlorodifluoromethane	<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
Methanol	127		1	7.28	5.00
1,3-Butadiene	<SRL	U	1	0.73	0.50
Bromomethane	<SRL	U	1	0.73	0.50
Chloroethane	<SRL	U	1	0.73	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	0.50
Ethanol	45.4		1	2.91	2.00
Vinyl Bromide	<SRL	U	1	0.73	0.50
Acetone	16.7		1	2.91	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	8.11		1	2.91	2.00
Acrylonitrile	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	1.00
Allyl Chloride	<SRL	U	1	1.46	1.00
Carbon Disulfide	<SRL	U	1	2.91	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	0.50
Vinyl Acetate	<SRL	U	1	0.73	0.50
2-Butanone (MEK)	9.12		1	1.46	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	0.50
Hexane	<SRL	U	1	0.73	0.50
Chloroform	<SRL	U	1	0.73	0.50
Ethyl Acetate	0.95		1	0.73	0.50
Tetrahydrofuran	10.3		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	6.61		1	0.73	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240909
MATRIX : AIR
UNITS : PPB (v/v)

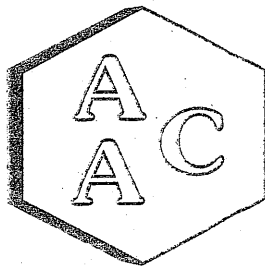
DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Reaction			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240909-57183				
Date Sampled	04/23/2024				
Date Analyzed	04/24/2024				
Can Dilution Factor	1.46				
Compound	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	0.50
Cyclohexane	<SRL	U	1	0.73	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	0.50
Bromodichloromethane	<SRL	U	1	0.73	0.50
1,4-Dioxane	<SRL	U	1	1.46	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	0.50
Heptane	<SRL	U	1	0.73	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	0.50
Toluene	<SRL	U	1	0.73	0.50
2-Hexanone (MBK)	<SRL	U	1	1.46	1.00
Dibromochloromethane	<SRL	U	1	0.73	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	0.50
Chlorobenzene	<SRL	U	1	0.73	0.50
Ethylbenzene	<SRL	U	1	0.73	0.50
m & p-Xylene	<SRL	U	1	1.46	1.00
Bromoform	<SRL	U	1	0.73	0.50
Styrene	<SRL	U	1	0.73	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	0.50
o-Xylene	<SRL	U	1	0.73	0.50
4-Ethyltoluene	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<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
1,2-Dichlorobenzene	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		90%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

Dimethyl Sulfide via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 240909
MATRIX : AIR

DATE RECEIVED : 04/23/2024
DATE REPORTED : 04/25/2024
ANALYST : DL/CH

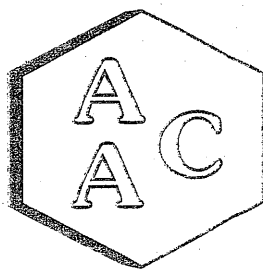
Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethylsulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	240909-57167	04/23/2024	04/24/2024	<SRL	U	1.43	1.0	89%
MS-07	240909-57168	04/23/2024	04/24/2024	<SRL	U	1.40	1.0	86%
MS-08	240909-57169	04/23/2024	04/24/2024	<SRL	U	1.41	1.0	89%
MS-09	240909-57170	04/23/2024	04/24/2024	<SRL	U	1.41	1.0	88%
MS-10	240909-57171	04/23/2024	04/24/2024	<SRL	U	1.44	1.0	88%
MS-11	240909-57172	04/23/2024	04/24/2024	<SRL	U	1.34	1.0	87%
MS-12	240909-57173	04/23/2024	04/24/2024	<SRL	U	1.43	1.0	87%
Chiquito Cyn Rd	240909-57174	04/23/2024	04/24/2024	<SRL	U	1.40	1.0	88%
S End Lincoln	240909-57175	04/23/2024	04/24/2024	<SRL	U	1.41	1.0	89%
SCV	240909-57176	04/23/2024	04/24/2024	<SRL	U	1.42	1.0	88%
MS-01	240909-57177	04/23/2024	04/24/2024	<SRL	U	1.51	1.0	88%
MS-02	240909-57178	04/23/2024	04/24/2024	<SRL	U	1.33	1.0	87%
MS-03	240909-57179	04/23/2024	04/24/2024	<SRL	U	1.45	1.0	87%
MS-04	240909-57180	04/23/2024	04/24/2024	<SRL	U	1.47	1.0	87%
MS-05	240909-57181	04/23/2024	04/24/2024	<SRL	U	1.45	1.0	88%
Working Face	240909-57182	04/23/2024	04/24/2024	<SRL	U	1.44	1.0	87%
Reaction	240909-57183	04/23/2024	04/24/2024	8.09		1.46	1.0	90%

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

RL - Reporting Limit

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/24/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-022324-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 03/18/2024 Calibration

Analyte Compounds	Source ¹	CCV ²	% Recovery ³
4-BFB (surrogate standard)	9.40	9.16	97
Chlorodifluoromethane	10.30	12.27	119
Propene	10.70	12.55	117
Dichlorodifluoromethane	10.40	11.47	110
Dimethyl Ether	10.20	11.85	116
Chloromethane	10.50	12.28	117
Dichlorotetrafluoroethane	10.20	10.35	101
Vinyl Chloride	10.60	11.24	106
Acetaldehyde	21.00	27.25	130
Methanol	19.00	24.34	128
1,3-Butadiene	10.70	12.57	117
Bromomethane	10.40	10.23	98
Chloroethane	10.40	9.42	91
Dichlorofluoromethane	10.20	10.17	100
Ethanol	11.40	12.78	112
Vinyl Bromide	10.10	10.08	100
Acrolein	10.90	11.84	109
Acetone	10.60	10.38	98
Trichlorofluoromethane	10.50	10.90	104
2-Propanol (IPA)	11.00	13.33	121
Acrylonitrile	11.00	12.59	114
1,1-Dichloroethene	10.50	10.06	96
Methylene Chloride (DCM)	10.40	10.15	98
TertButanol (TBA)	11.10	13.62	123
Allyl Chloride	10.20	10.83	106
Carbon Disulfide	10.50	10.92	104
Trichlorotrifluoroethane	10.30	10.18	99
trans-1,2-Dichloroethene	10.80	10.56	98
1,1-Dichloroethane	10.70	11.07	103
Methyl Tert Butyl Ether (MTBE)	10.70	11.10	104
Vinyl Acetate	11.00	13.89	126
2-Butanone (MEK)	10.70	10.16	95
cis-1,2-Dichloroethene	10.70	10.07	94
Hexane	10.80	9.87	91
Chloroform	10.70	10.52	98
Ethyl Acetate	10.70	12.55	117
Tetrahydrofuran	10.40	10.01	96
1,2-Dichloroethane	10.60	11.05	104
1,1,1-Trichloroethane	10.50	10.97	104
Benzene	10.70	10.29	96
Carbon Tetrachloride	10.30	11.06	107
Cyclohexane	10.50	10.35	99

Analyte Compounds (Continued)	Source ¹	CCV ²	% Recovery ³
1,2-Dichloropropane	10.70	11.03	103
Bromodichloromethane	10.50	11.22	107
1,4-Dioxane	10.50	10.48	100
Trichloroethene (TCE)	10.50	10.33	98
2,2,4-Trimethylpentane	10.10	10.98	109
Methyl Methacrylate	11.00	11.67	106
Heptane	10.50	10.03	96
cis-1,3-Dichloropropene	10.50	10.88	104
4-Methyl-2-pentanone (MiBK)	10.50	11.23	107
trans-1,3-Dichloropropene	10.60	10.93	103
1,1,2-Trichloroethane	10.60	10.05	95
Toluene	10.80	10.15	94
2-Hexanone (MBK)	10.50	12.00	114
Dibromochloromethane	10.60	11.00	104
1,2-Dibromoethane	10.60	10.51	99
Tetrachloroethene (PCE)	10.50	9.63	92
Chlorobenzene	10.80	10.20	94
Ethylbenzene	10.60	10.23	97
m & p-Xylene	21.20	19.39	91
Bromoform	10.60	10.67	101
Styrene	10.60	10.71	101
1,1,2,2-Tetrachloroethane	10.60	10.27	97
o-Xylene	10.60	10.32	97
1,2,3-Trichloropropane	11.00	10.91	99
Isopropylbenzene (Cumene)	10.40	9.95	96
α-Pinene	10.80	9.61	89
2-Chlorotoluene	10.30	10.27	100
n-Propylbenzene	10.10	9.79	97
4-Ethyltoluene	10.40	9.63	93
1,3,5-Trimethylbenzene	10.30	9.64	94
β-Pinene	10.90	8.46	78
1,2,4-Trimethylbenzene	10.30	9.75	95
Benzyl Chloride (α-Chlorotoluene)	10.30	11.02	107
1,3-Dichlorobenzene	10.30	9.73	94
1,4-Dichlorobenzene	10.20	9.84	96
Sec-ButylBenzene	10.10	9.56	95
1,2-Dichlorobenzene	10.40	9.76	94
n-ButylBenzene	10.30	10.14	98
1,2-Dibromo-3-Chloropropane	10.30	10.14	98
1,2,4-Trichlorobenzene	10.50	10.24	98
Naphthalene	10.90	11.79	108
Hexachlorobutadiene	10.80	9.51	88

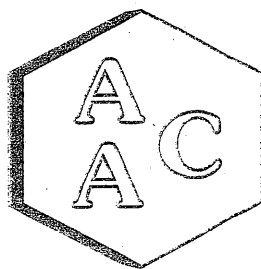
¹ Concentration of analyte compound in certified source standard.

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

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

* - β-Pinene results are estimated.





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/24/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MSI-022324-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

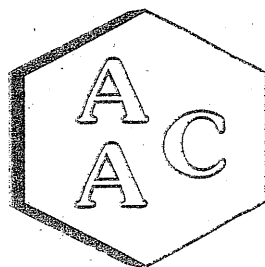
System Monitoring Compounds	Sample Concentration	Spike Added	LCS ¹ Recovery	LCSD ¹ Recovery	LCS ¹ % Recovery ²	LCSD ¹ % Recovery ²	RPD ³
4-BFB (surrogate standard)	0.0	9.40	9.16	9.10	97	97	0.7
1,1-Dichloroethene	0.0	10.50	10.06	9.86	96	94	2.0
Methylene Chloride (DCM)	0.0	10.40	10.15	9.83	98	95	3.2
Benzene	0.0	10.70	10.29	10.52	96	98	2.2
Trichloroethene (TCE)	0.0	10.50	10.33	10.40	98	99	0.7
Toluene	0.0	10.80	10.15	10.31	94	95	1.6
Tetrachloroethene (PCE)	0.0	10.50	9.63	9.67	92	92	0.4
Chlorobenzene	0.0	10.80	10.20	9.98	94	92	2.2
Ethylbenzene	0.0	10.60	10.23	10.20	97	96	0.3
m & p-Xylene	0.0	21.20	19.39	19.18	91	90	1.1
o-Xylene	0.0	10.60	10.32	10.31	97	97	0.1

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

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

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/24/2024

INSTRUMENT ID : GC/MS-04

MATRIX : High Purity He or N₂

ANALYST : DL

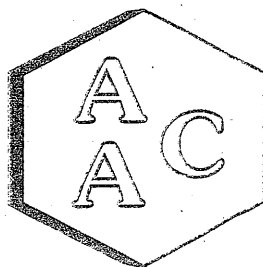
UNITS : PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 042424	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 042424	Reporting Limit (RL)
4-BFB (surrogate standard)	88%	100±30%	1,2-Dichloropropane	<RL	0.5
Chlorodifluoromethane	<RL	0.5	Bromodichloromethane	<RL	0.5
Propene	<RL	1.0	1,4-Dioxane	<RL	1.0
Dichlorodifluoromethane	<RL	0.5	Trichloroethene (TCE)	<RL	0.5
Dimethyl Ether	<RL	0.5	2,2,4-Trimethylpentane	<RL	0.5
Chloromethane	<RL	0.5	Methyl Methacrylate	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5	Heptane	<RL	0.5
Vinyl Chloride	<RL	0.5	cis-1,3-Dichloropropene	<RL	0.5
Acetaldehyde	<RL	5.0	4-Methyl-2-pentanone (MiBK)	<RL	0.5
Methanol	<RL	5.0	trans-1,3-Dichloropropene	<RL	0.5
1,3-Butadiene	<RL	0.5	1,1,2-Trichloroethane	<RL	0.5
Bromomethane	<RL	0.5	Toluene	<RL	0.5
Chloroethane	<RL	0.5	2-Hexanone (MBK)	<RL	1.0
Dichlorofluoromethane	<RL	0.5	Dibromochloromethane	<RL	0.5
Ethanol	<RL	2.0	1,2-Dibromoethane	<RL	0.5
Vinyl Bromide	<RL	0.5	Tetrachloroethene (PCE)	<RL	0.5
Acrolein	<RL	1.0	Chlorobenzene	<RL	0.5
Acetone	<RL	2.0	Ethylbenzene	<RL	0.5
Trichlorofluoromethane	<RL	0.5	m & p-Xylene	<RL	1.0
2-Propanol (IPA)	<RL	2.0	Bromoform	<RL	0.5
Acrylonitrile	<RL	0.5	Styrene	<RL	0.5
1,1-Dichloroethene	<RL	0.5	1,1,2,2-Tetrachloroethane	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0	o-Xylene	<RL	0.5
TertButanol (TBA)	<RL	0.5	1,2,3-Trichloropropane	<RL	0.5
Allyl Chloride	<RL	1.0	Isopropylbenzene (Cumene)	<RL	0.5
Carbon Disulfide	<RL	2.0	α-Pinene	<RL	0.5
Trichlorotrifluoroethane	<RL	0.5	2-Chlorotoluene	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5	n-Propylbenzene	<RL	0.5
1,1-Dichloroethane	<RL	0.5	4-Ethyltoluene	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5	1,3,5-Trimethylbenzene	<RL	0.5
Vinyl Acetate	<RL	0.5	β-Pinene	<RL	0.5
2-Butanone (MEK)	<RL	1.0	1,2,4-Trimethylbenzene	<RL	0.5
cis-1,2-Dichloroethene	<RL	0.5	Benzyl Chloride (α-Chlorotoluene)	<RL	0.5
Hexane	<RL	0.5	1,3-Dichlorobenzene	<RL	0.5
Chloroform	<RL	0.5	1,4-Dichlorobenzene	<RL	0.5
Ethyl Acetate	<RL	0.5	Sec-ButylBenzene	<RL	0.5
Tetrahydrofuran	<RL	0.5	1,2-Dichlorobenzene	<RL	0.5
1,2-Dichloroethane	<RL	0.5	n-ButylBenzene	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5	1,2-Dibromo-3-Chloropropane	<RL	0.5
Benzene	<RL	0.5	1,2,4-Trichlorobenzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5	Naphthalene	<RL	0.5
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 04/24/2024

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

ANALYST : DL

DILUTION FACTOR¹ : x1.46

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 240909-57183

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.42	8.40	0.2
Chlorodifluoromethane	<SRL	<SRL	NA
Propene	4.26	4.29	0.7
Dichlorodifluoromethane	<SRL	<SRL	NA
Dimethyl Ether	6.36	6.34	0.2
Chloromethane	<SRL	<SRL	NA
Dichlorotetrafluoroethane	<SRL	<SRL	NA
Vinyl Chloride	<SRL	<SRL	NA
Acetaldehyde	<SRL	<SRL	NA
Methanol	127	133	4.0
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	45.4	46.4	2.2
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	16.7	16.8	0.9
Trichlorofluoromethane	<SRL	<SRL	NA
2-Propanol (IPA)	8.11	8.15	0.5
Acrylonitrile	<SRL	<SRL	NA
1,1-Dichloroethene	<SRL	<SRL	NA
Methylene Chloride (DCM)	<SRL	<SRL	NA
TertButanol (TBA)	<SRL	<SRL	NA
Allyl Chloride	<SRL	<SRL	NA
Carbon Disulfide	<SRL	<SRL	NA
Trichlorotrifluoroethane	<SRL	<SRL	NA
trans-1,2-Dichloroethene	<SRL	<SRL	NA
1,1-Dichloroethane	<SRL	<SRL	NA
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	NA
Vinyl Acetate	<SRL	<SRL	NA
2-Butanone (MEK)	9.12	9.36	2.5
cis-1,2-Dichloroethene	<SRL	<SRL	NA
Hexane	<SRL	<SRL	NA
Chloroform	<SRL	<SRL	NA
Ethyl Acetate	0.95	0.96	1.5
Tetrahydrofuran	10.3	10.2	1.0
1,2-Dichloroethane	<SRL	<SRL	NA
1,1,1-Trichloroethane	<SRL	<SRL	NA
Benzene	6.61	6.45	2.5
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 (α-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)





240909

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@aacalab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003 AAC Project No.:				Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com Send Invoice To (Name/Email/Address)			
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON / OFF] Project Number 01204123.21 TASK 22		Analysis Requested TO-15 FULL LIST + DMS		PO Number	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: Armando Hurtado Signature: <i>[Signature]</i>					
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 FULL LIST + DMS	EDD?	Analysis Requested
MS-06	57167	4/23	1151	Summa 1	X	☐ Yes ☐ No	
MS-07	57168		0940		X		
MS-08	57169		1017		X		
MS-09	57170		1030		X		
MS-10	57171		1049		X		
MS-11	57172		0912		X		
MS-12	57173		1008		X		
Chiquito Cyn Rd	57174		0952		X		
S End Lincoln	57175		1000		X		
SCV	57176		1039		X		
Client Notes/Special Instructions:							
Relinquished By Print: Armando Hurtado Signature: <i>[Signature]</i>		Received By Date: 4/23/21 Time: 1625 Signature: <i>[Signature]</i>		EDD? ☐ Yes ☐ No		Analysis Requested	
Relinquished By Print: <i>[Signature]</i>		Received By Date: <i>[Signature]</i> Time: 1641					

CHAIN OF CUSTODY AND ANALYSIS REQUEST

Atmospheric Analysis and Consulting • Phone: 805-650-1642 • Email: info@aaciab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003					
Client/Company Name SCS ENGINEERS		Project Name CHICUITA [ON / OFF]		AAC Project No.:	
Project Manager Name PAUL SCHAFER		Project Number 01204123.21 TASK 22		Send Report To (Name/Email/Address) pschafer@scsenigneers.com rhuff@scsenigneers.com	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: Armando Hurtado Signature: <i>[Signature]</i>		Send Invoice To (Name/Email/Address)	
Client Sample Name		Sample ID	Sampling Date	Sampling Time	Container Type/Qty
MS-01	57177	4/23	1303	Summa 1	X
MS-02	57178		1216	/	X
MS-03	57179		1201	/	X
MS-04	57180		1338	/	X
MS-05	57181		1248	/	X
Working Face	57182		1231	/	X
Reaction	57183		1319	/	X
Client Notes/Special Instructions:					
Relinquished By Print: Armando Hurtado Signature: <i>[Signature]</i>					
Relinquished By Print: Signature:					

240909



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Client/Company Name SCS ENGINEERS	Project Name CHIQUITA I ON / OFF	AAC Project No.:
Project Manager Name PAUL SCHAFER	Project Number 01204123.21 TASK 22	Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com

Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal	Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>	Send Invoice To (Name/Email/Address)
--	--	--------------------------------------

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested	PO Number
MS-06	57184	4/23	1151	Tellur	307.91 SULFUR	
MS-07	57185		0940		X	
MS-08	57186		1017		X	
MS-09	57187		1030		X	
MS-10	57188		1044		X	
MS-11	57189		0912		X	
MS-12	57190		1008		X	
Chiquito Cyn Rd	57191		0952		X	
8 End Lincoln	57192		1000		X	
SCV	57193		1039		X	

Client Notes/Special Instructions:		EDD? ☐ Yes ☐ No
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>	Received By Date: 4/23/21 Time: 1625 Signature: <i>Armando Hurtado</i>	Date Time Date: 4/23/21 Time: 1646
Relinquished By Print: Signature:	Received By Date: Time: Signature:	

240509



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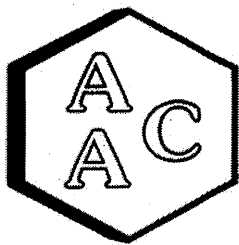
Atmospheric Analysis and Consulting • Phone: 805-650-1642 • Email: info@aacalab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003

Client/Company Name SCS ENGINEERS	Project Name CHIQUITA [ON/OFF]	AAC Project No.:
Project Manager Name PAUL SCHAFER	Project Number 01204123.21 TASK 22	Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com

Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal	Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>[Signature]</i>	Send Invoice To (Name/Email/Address)
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Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Analysis Requested	PO Number
MS-01	57194	4/23	1303	Tedlar 1	307.91 SULFUR	
MS-02	57195		1216			
MS-03	57196		1201			
MS-04	57197		1338			
MS-05	57198		1248			
MS-06	57199		1231			
Reaction	57200		1319			

Client Notes/Special Instructions:		EDD? ☐ Yes ☐ No
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>[Signature]</i>	Received By Print: <i>[Signature]</i> Date: 4/23/24 Time: 1625	Date Time
Relinquished By Print: <i>[Signature]</i> Signature: <i>[Signature]</i>	Received By Print: <i>[Signature]</i> Date: 4/23/24 Time: 1646	Date Time



Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita [ON / OFF]
PROJECT NUMBER : 01204123.21 TASK 22
AAC PROJECT NO. : 240909
REPORT DATE : 04/26/2024

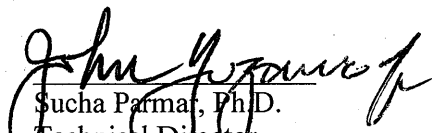
On April 23, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
MS-06	240909-57184	SCV	240909-57193
MS-07	240909-57185	MS-01	240909-57194
MS-08	240909-57186	MS-02	240909-57195
MS-09	240909-57187	MS-03	240909-57196
MS-10	240909-57188	MS-04	240909-57197
MS-11	240909-57189	MS-05	240909-57198
MS-12	240909-57190	Working Face	240909-57199
Chiquita Cyn Rd	240909-57191	Reaction	240909-57200
S End Lincoln	240909-57192		

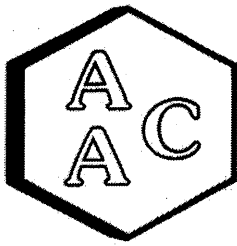
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

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.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

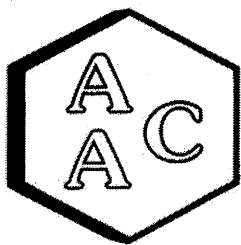
CLIENT : SCS Engineers
PROJECT NO. : 240909
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/23/2024
RECEIVING DATE : 04/23/2024
ANALYSIS DATE : 04/23-24/2024
REPORT DATE : 04/26/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	240909-57184	240909-57185	240909-57186	240909-57187	240909-57188	240909-57189
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO ₂	< 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 H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

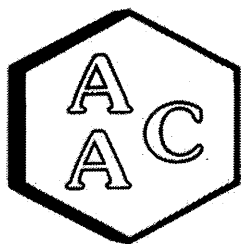
CLIENT : SCS Engineers
PROJECT NO. : 240909
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/23/2024
RECEIVING DATE : 04/23/2024
ANALYSIS DATE : 04/24/2024
REPORT DATE : 04/26/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	Chiquita Cyn Rd	S End Lincoln	SCV	MS-01	MS-02
AAC ID	240909-57190	240909-57191	240909-57192	240909-57193	240909-57194	240909-57195
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO ₂	< 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 H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

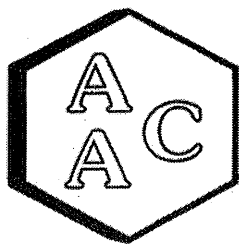
CLIENT : SCS Engineers
PROJECT NO. : 240909
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/23/2024
RECEIVING DATE : 04/23/2024
ANALYSIS DATE : 04/24/2024
REPORT DATE : 04/26/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Working Face	Reaction
AAC ID	240909-57196	240909-57197	240909-57198	240909-57199	240909-57200
Analyte	Result	Result	Result	Result	Result
Hydrogen Sulfide	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
COS / SO ₂	< 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	0.009
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	0.009

All unidentified compound's concentrations expressed in terms of H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 4/23/2024
Analyst: CM/KM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date : 01/25/2024

Opening Calibration Verification Standard

0.511 ppbV H₂S (GC-110223-01)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11357	0.527	103.0	1.0
Duplicate	11534	0.535	104.7	2.5
Triplicate	10854	0.503	98.5	3.5

0.502 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	9485	0.512	101.9	1.3
Duplicate	9604	0.518	103.2	2.6
Triplicate	9002	0.486	96.7	3.9

0.497 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12429	0.516	103.8	1.0
Duplicate	12488	0.518	104.3	1.5
Triplicate	11990	0.498	100.1	2.5

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 240745-56257

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate

240745-56257 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	0.256	0.266	0.271	104.1	106.1	1.9
MeSH	<PQL	0.251	0.259	0.273	103.2	108.8	5.3
DMS	<PQL	0.249	0.273	0.272	109.9	109.5	0.4

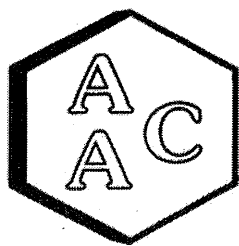
Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.511	0.513	100.4
MeSH	0.502	0.504	100.4
DMS	0.497	0.498	100.2

* 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



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 4/24/2024
Analyst: CM/KM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 01/25/2024

Opening Calibration Verification Standard

0.511 ppbV H₂S (GC-110223-01)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10922	0.506	99.1	0.6
Duplicate	10571	0.490	95.9	3.8
Triplicate	11465	0.532	104.0	4.4

0.502 ppbV H₂S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	9321	0.503	100.2	0.2
Duplicate	8927	0.482	95.9	4.1
Triplicate	9664	0.521	103.9	3.9

0.497 ppbV H₂S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12441	0.516	103.9	1.2
Duplicate	12004	0.498	100.2	2.4
Triplicate	12447	0.517	103.9	1.2

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 240745-56257

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate

240745-56257 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	0.256	0.245	0.239	95.9	93.5	2.5
MeSH	<PQL	0.251	0.246	0.248	98.0	98.8	0.8
DMS	<PQL	0.249	0.252	0.250	101.4	100.6	0.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.511	0.530	103.7
MeSH	0.502	0.519	103.4
DMS	0.497	0.507	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 = 1.1 ppbV



240909

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@aacalab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003

AAC Project No.:
Send Report To (Name/Email/Address)
 pschafer@scsengineers.com
 rhuff@scsengineers.com
Send Invoice To (Name/Email/Address)

Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON / OFF]		Analysis Requested	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>Paul Schaffer</i>		TO-15 FULL LIST + DMS	
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	
MS-06	57167	4/23	1151	SUMMA 1	X
MS-07	57168		0940		X
MS-08	57169		1017		X
MS-09	57170		1030		X
MS-10	57171		1049		X
MS-11	57172		0912		X
MS-12	57173		1008		X
Chiquito Cyn Rd	57174		0952		X
End Lincoln	57175		1000		X
SCV	57176		1039		X

Client Notes/Special Instructions:

Relinquished By
 Print: *Armando Hurtado*
 Signature: *Paul Schaffer*

Relinquished By
 Print:
 Signature:

Received By
 Date: 4/23/21
 Time: 1625
 Signature: *Paul Schaffer*

Received By
 Date:
 Time:
 Signature:

EDD?
☐ Yes
☐ No

LAB USE ONLY
 (Notes)

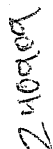
LAB USE ONLY
 (Notes)

240909



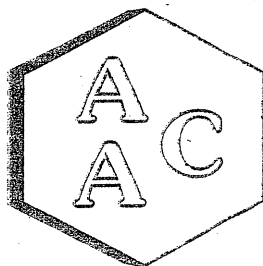
CHAIN OF CUSTODY AND ANALYSIS REQUEST – Chain of Custody is a LEGAL DOCUMENT. Complete all relevant fields.

Atmospheric Analysis and Consulting • Phone: 805-650-1642 • Email: info@aacalab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003				AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com	
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA I ON / (OFF) Project Number 01204123.21 TASK 22		Analysis Requested	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		PO Number	
Client Sample Name MS-06 MS-07 MS-08 MS-09 MS-10 MS-11 MS-12 Chiquito Cyn Rd 8 End Lincoln SCV		Sample ID 57184 57185 57186 57187 57188 57189 57190 57191 57192 57193	Sampling Date 4/23 	Sampling Time 1151 0940 1017 1030 1044 0912 1608 0952 1000 1039	Container Type/Qty Teller
Client Notes/Special Instructions:		LAB USE ONLY		LAB USE ONLY	
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Received By Date: 4/23/21 Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		EDD? ☐ Yes ☐ No	
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Received By Date: 4/23/21 Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Date Date: 4/23/21 Time: 1625	
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Received By Date: 4/23/21 Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Date Date: 4/23/21 Time: 1625	
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Received By Date: 4/23/21 Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Date Date: 4/23/21 Time: 1625	



CHAIN OF CUSTODY AND ANALYSIS REQUEST

Atmospheric Analysis and Consulting • Phone: 805-650-1642 • Email: info@aaciab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003									
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHICUITA [ON / OFF]		Project Number 01204123.21 TASK 22		Analysis Requested		AAC Project No.:	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <u>Araugado Hurtado</u> Signature: <u>[Signature]</u>						Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com	
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	307.91 SULFUR	Lab ID	Sample Received via	PO Number	Send Invoice To (Name/Email/Address)
MS-01	57194	4/23	1303	Tedlar 1	X		☒ Tedlar		
MS-02	57195		1216		X		☐ ELUPS		
MS-03	57196		1201		X		☐ Counter		
MS-04	57197		1338		X		☐ Weather		
MS-05	57198		1248		X		Temperature		
MS-06	57199		1231		X		Thermometer		
Reaction	57200		1319		X		ID		
							Initials		
							Returned Cont.		
							Total Bars		
							United Gals		
							New Controllers		
Client Notes/Special Instructions:					EDD? ☐ Yes ☐ No Date Time				
Relinquished By Print: <u>Araugado Hurtado</u> Signature: <u>[Signature]</u>					Date <u>4/23/24</u> Time <u>1625</u>				
Relinquished By Print: <u>[Signature]</u> Signature: <u>[Signature]</u>					Date Time				



Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita ON/OFF
PROJECT NO. : 01204123.21 TASK 22
AAC PROJECT NO. : 240968
REPORT DATE : 05/02/2024

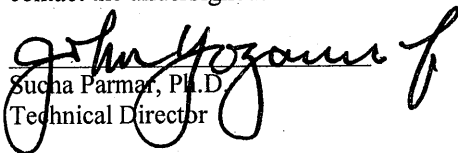
On April 30, 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis and Dimethyl Sulfide analysis via Tentatively Identified Compounds (TICs) by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHg)	Client ID	Lab ID	Return Pressure (mmHg)
MS-06	240968-57501	694.0	Chiquito Cyn Rd	240968-57510	700.0
MS-07	240968-57502	760.0	MS-01	240968-57511	683.0
MS-08	240968-57503	697.5	MS-02	240968-57512	686.5
MS-09	240968-57504	760.0	MS-03	240968-57513	693.0
MS-10	240968-57505	699.5	MS-04	240968-57514	750.5
MS-11	240968-57506	713.5	MS-05	240968-57515	677.0
MS-12	240968-57507	701.5	Reaction	240968-57516	691.0
SCV	240968-57508	693.0	Working Face	240968-57517	694.0
S End Lincoln	240968-57509	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.

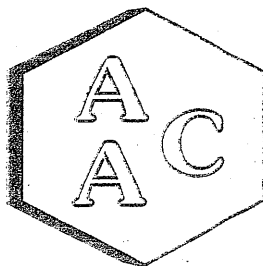
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report. If you have any questions or require further explanation of data results, please contact the undersigned.


Sucha Parmar, Ph.D.
Technical Director

This report consists of 28 pages.

Page 1





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

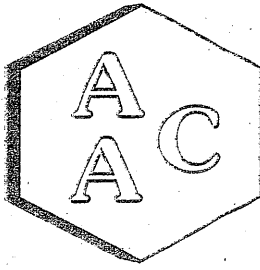
CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
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		240968-57501			240968-57502				
Date Sampled		04/30/2024			04/30/2024				
Date Analyzed		05/01/2024			05/01/2024				
Can Dilution Factor		1.46			1.34				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
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
Chloromethane	0.75		1	0.73	0.67		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
Methanol	14.2		1	7.32	16.8		1	6.68	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	17.4		1	2.93	2.98		1	2.67	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Acetone	3.94		1	2.93	3.24		1	2.67	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
2-Propanol (IPA)	<SRL	U	1	2.93	<SRL	U	1	2.67	2.00
Acrylonitrile	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.67	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.34	1.00
Carbon Disulfide	<SRL	U	1	2.93	<SRL	U	1	2.67	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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

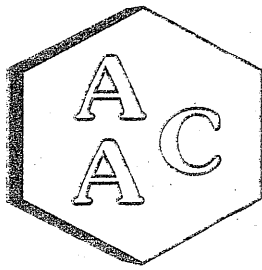
CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
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		240968-57503				240968-57504				
Date Sampled		04/30/2024				04/30/2024				
Date Analyzed		05/01/2024				05/01/2024				
Can Dilution Factor		1.46				1.39				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Propene	<SRL	U	1	1.46	<SRL	U	1	1.39	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Chloromethane	0.79		1	0.73	<SRL	U	1	0.69	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Methanol	11.7		1	7.28	18.9		1	6.93	5.00	
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Ethanol	<SRL	U	1	2.91	3.17		1	2.77	2.00	
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Acetone	<SRL	U	1	2.91	6.17		1	2.77	2.00	
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
2-Propanol (IPA)	<SRL	U	1	2.91	<SRL	U	1	2.77	2.00	
Acrylonitrile	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.46	<SRL	U	1	1.39	1.00	
Allyl Chloride	<SRL	U	1	1.46	<SRL	U	1	1.39	1.00	
Carbon Disulfide	<SRL	U	1	2.91	<SRL	U	1	2.77	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
2-Butanone (MEK)	<SRL	U	1	1.46	<SRL	U	1	1.39	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

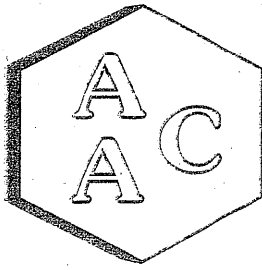
DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

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	240968-57503				240968-57504				
Date Sampled	04/30/2024				04/30/2024				
Date Analyzed	05/01/2024				05/01/2024				
Can Dilution Factor	1.46				1.39				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,4-Dioxane	<SRL	U	1	1.46	<SRL	U	1	1.39	1.00
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
2-Hexanone (MBK)	<SRL	U	1	1.46	<SRL	U	1	1.39	1.00
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
m & p-Xylene	<SRL	U	1	1.46	<SRL	U	1	1.39	1.00
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.69	0.50
BFB-Surrogate Std. % Recovery		88%				91%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

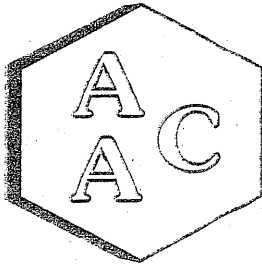
CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
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		240968-57505				240968-57506				
Date Sampled		04/30/2024				04/30/2024				
Date Analyzed		05/01/2024				05/01/2024				
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		
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	
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	
Methanol	11.0		1	7.26	10.6		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	3.20		1	2.90	<SRL	U	1	2.85	2.00	
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Acetone	5.49		1	2.90	3.68		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	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	1.45	<SRL	U	1	1.43	1.00	
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	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

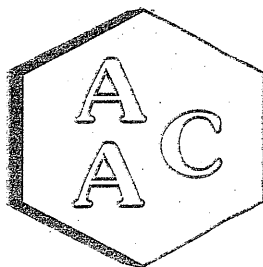
DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

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		240968-57505			240968-57506				
Date Sampled		04/30/2024			04/30/2024				
Date Analyzed		05/01/2024			05/01/2024				
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
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
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
BFB-Surrogate Std. % Recovery		90%				89%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

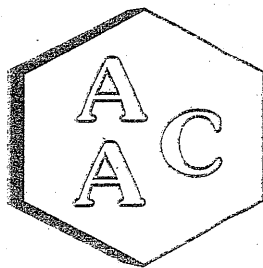
CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
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		240968-57507			240968-57508				
Date Sampled		04/30/2024			04/30/2024				
Date Analyzed		05/01/2024			05/01/2024				
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
Chloromethane	0.80		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
Methanol	15.9		1	7.26	13.2		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	5.88		1	2.91	3.55		1	2.93	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Acetone	8.73		1	2.91	11.1		1	2.93	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.91	<SRL	U	1	2.93	2.00
Acrylonitrile	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.45	<SRL	U	1	1.47	1.00
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)	1.74		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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

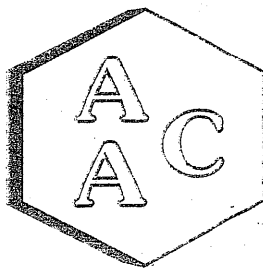
DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

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		240968-57507				240968-57508				
Date Sampled		04/30/2024				04/30/2024				
Date Analyzed		05/01/2024				05/01/2024				
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	0.73	<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	
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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50	
BFB-Surrogate Std. % Recovery			89%			91%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

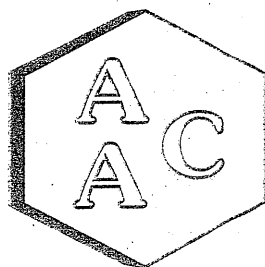
CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Lincoln			Sample Reporting Limit (SRL) (MRLxDF's)	Chiquito Cyn Rd			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		240968-57509				240968-57510				
Date Sampled		04/30/2024				04/30/2024				
Date Analyzed		05/01/2024				05/01/2024				
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	
Chloromethane	<SRL	U	1	0.73	0.76		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	
Methanol	15.5		1	7.29	13.0		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	4.42		1	2.91	3.35		1	2.90	2.00	
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50	
Acetone	3.86		1	2.91	3.06		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	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	
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	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

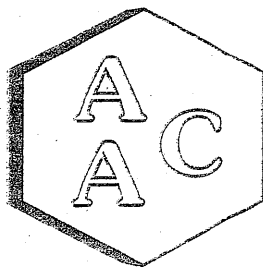
DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		S End Lincoln		Sample Reporting Limit (SRL) (MRLxDF's)	Chiquito Cyn Rd			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		240968-57509			240968-57510				
Date Sampled		04/30/2024			04/30/2024				
Date Analyzed		05/01/2024			05/01/2024				
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
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
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
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
1,2-Dichlorobenzene	<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
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		90%				89%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

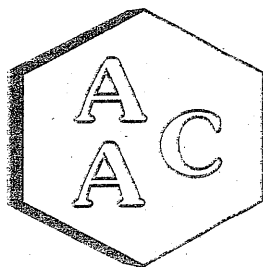
CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
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		240968-57511				240968-57512				
Date Sampled		04/30/2024				04/30/2024				
Date Analyzed		05/01/2024				05/01/2024				
Can Dilution Factor		1.49				1.57				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Propene	<SRL	U	1	1.49	<SRL	U	1	1.57		1.00
Dichlorodifluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Chloromethane	<SRL	U	1	0.74	0.83	U	1	0.79		0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Vinyl Chloride	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Methanol	16.7		1	7.43	18.7		1	7.87		5.00
1,3-Butadiene	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Bromomethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Chloroethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Dichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Ethanol	4.92		1	2.97	4.28		1	3.15		2.00
Vinyl Bromide	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Acetone	3.86		1	2.97	3.90		1	3.15		2.00
Trichlorofluoromethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
2-Propanol (IPA)	<SRL	U	1	2.97	<SRL	U	1	3.15		2.00
Acrylonitrile	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
1,1-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Methylene Chloride (DCM)	<SRL	U	1	1.49	<SRL	U	1	1.57		1.00
Allyl Chloride	<SRL	U	1	1.49	<SRL	U	1	1.57		1.00
Carbon Disulfide	<SRL	U	1	2.97	<SRL	U	1	3.15		2.00
Trichlorotrifluoroethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
1,1-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Vinyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
2-Butanone (MEK)	<SRL	U	1	1.49	<SRL	U	1	1.57		1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Hexane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Chloroform	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Ethyl Acetate	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Tetrahydrofuran	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
1,2-Dichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
1,1,1-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50
Benzene	<SRL	U	1	0.74	<SRL	U	1	0.79		0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

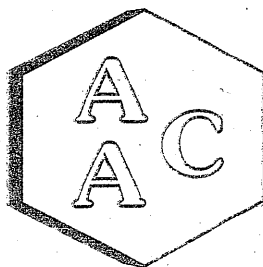
DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

MS-01				Sample Reporting Limit (SRL) (MRL×DF's)	MS-02			Sample Reporting Limit (SRL) (MRL×DF's)	Method Reporting Limit (MRL)
240968-57511					240968-57512				
04/30/2024					04/30/2024				
05/01/2024					05/01/2024				
1.49					1.57				
Compound	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Cyclohexane	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,2-Dichloropropane	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Bromodichloromethane	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,4-Dioxane	<SRL	U	1	1.49	<SRL	U	1	1.57	1.00
Trichloroethene (TCE)	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Heptane	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Toluene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
2-Hexanone (MBK)	<SRL	U	1	1.49	<SRL	U	1	1.57	1.00
Dibromochloromethane	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,2-Dibromoethane	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Chlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Ethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
m & p-Xylene	<SRL	U	1	1.49	<SRL	U	1	1.57	1.00
Bromoform	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Styrene	3.61		1	0.74	<SRL	U	1	0.79	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
o-Xylene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
4-Ethyltoluene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
Hexachlorobutadiene	<SRL	U	1	0.74	<SRL	U	1	0.79	0.50
BFB-Surrogate Std. % Recovery		90%				89%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

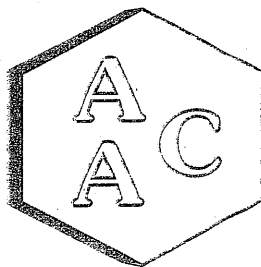
CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
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		240968-57513				240968-57514				
Date Sampled		04/30/2024				04/30/2024				
Date Analyzed		05/01/2024				05/01/2024				
Can Dilution Factor		1.47				1.36				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Propene	<SRL	U	1	1.47	<SRL	U	1	1.36	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Chloromethane	0.73		1	0.73	0.80		1	0.68	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Methanol	13.8		1	7.34	14.2		1	6.78	5.00	
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Ethanol	2.96		1	2.94	8.36		1	2.71	2.00	
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Acetone	3.17		1	2.94	28.3		1	2.71	2.00	
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
2-Propanol (IPA)	<SRL	U	1	2.94	<SRL	U	1	2.71	2.00	
Acrylonitrile	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.47	<SRL	U	1	1.36	1.00	
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.36	1.00	
Carbon Disulfide	<SRL	U	1	2.94	<SRL	U	1	2.71	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
2-Butanone (MEK)	<SRL	U	1	1.47	<SRL	U	1	1.36	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

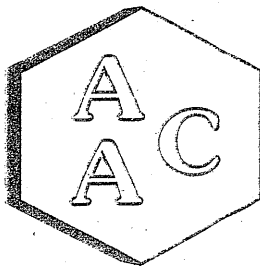
DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

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		240968-57513				240968-57514				
Date Sampled		04/30/2024				04/30/2024				
Date Analyzed		05/01/2024				05/01/2024				
Can Dilution Factor		1.47				1.36				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,4-Dioxane	<SRL	U	1	1.47	<SRL	U	1	1.36	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.47	<SRL	U	1	1.36	1.00	
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
m & p-Xylene	<SRL	U	1	1.47	<SRL	U	1	1.36	1.00	
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.68	0.50	
BFB-Surrogate Std. % Recovery			89%				89%		70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

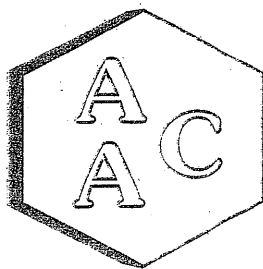
CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-05			Sample Reporting Limit (SRL) (MRLxDF's)	Reaction			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		240968-57515				240968-57516				
Date Sampled		04/30/2024				04/30/2024				
Date Analyzed		05/01/2024				05/01/2024				
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	0.74	0.50	
Propene	<SRL	U	1	1.50	5.19	U	1	1.49	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50	
Chloromethane	<SRL	U	1	0.75	0.83	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	
Methanol	13.1		1	7.50	96.9		1	7.44	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	26.0		1	2.98	2.00	
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50	
Acetone	3.69		1	3.00	16.0		1	2.98	2.00	
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50	
2-Propanol (IPA)	<SRL	U	1	3.00	5.97		1	2.98	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	1.49	1.00	
Allyl Chloride	<SRL	U	1	1.50	<SRL	U	1	1.49	1.00	
Carbon Disulfide	<SRL	U	1	3.00	<SRL	U	1	2.98	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	9.06		1	1.49	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	0.80		1	0.74	0.50	
Tetrahydrofuran	<SRL	U	1	0.75	10.5		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	7.01		1	0.74	0.50	





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

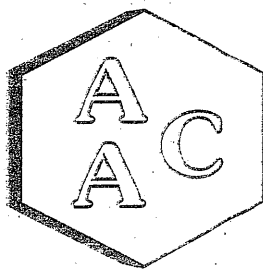
DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		MS-05			Sample Reporting Limit (SRL)	Reaction			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID		240968-57515				240968-57516				
Date Sampled		04/30/2024				04/30/2024				
Date Analyzed		05/01/2024				05/01/2024				
Can Dilution Factor		1.50				1.49				
Compound	Result	Qualifier	Analysis DF	(MRLxDf's)	Result	Qualifier	Analysis DF	(MRLxDf's)		
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	1.49	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	
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	0.94	U	1	0.74	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	0.74	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	1.49	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	
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	
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	
1,2-Dichlorobenzene	<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	
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	0.74	0.50	
BFB-Surrogate Std. % Recovery		89%				89%			70-130%	

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

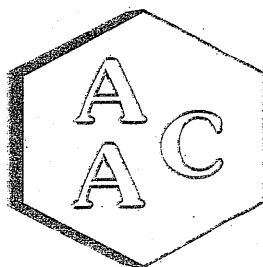
CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Working Face			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240968-57517				
Date Sampled	04/30/2024				
Date Analyzed	05/01/2024				
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
Chloromethane	0.75		1	0.73	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	0.50
Vinyl Chloride	<SRL	U	1	0.73	0.50
Methanol	20.2		1	7.34	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	23.3		1	2.94	2.00
Vinyl Bromide	<SRL	U	1	0.73	0.50
Acetone	3.70		1	2.94	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	0.50
2-Propanol (IPA)	<SRL	U	1	2.94	2.00
Acrylonitrile	<SRL	U	1	0.73	0.50
1,1-Dichloroethene	<SRL	U	1	0.73	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	1.00
Allyl Chloride	<SRL	U	1	1.47	1.00
Carbon Disulfide	<SRL	U	1	2.94	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
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	<SRL	U	1	0.73	0.50





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : SCS Engineers
PROJECT NO : 240968
MATRIX : AIR
UNITS : PPB (v/v)

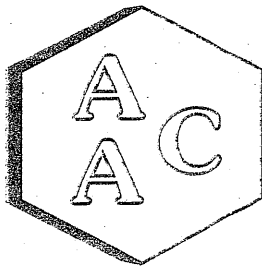
DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	Working Face			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	240968-57517				
Date Sampled	04/30/2024				
Date Analyzed	05/01/2024				
Can Dilution Factor	1.47				
Compound	Result	Qualifier	Analysis DF		
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
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
4-Ethyltoluene	<SRL	U	1	0.73	0.50
1,3,5-Trimethylbenzene	<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
1,2-Dichlorobenzene	<SRL	U	1	0.73	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	0.50
Hexachlorobutadiene	<SRL	U	1	0.73	0.50
BFB-Surrogate Std. % Recovery		88%			70-130%

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





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

Dimethyl Sulfide via TICs

CLIENT : SCS Engineers
PROJECT NUMBER : 240968
MATRIX : AIR

DATE RECEIVED : 04/30/2024
DATE REPORTED : 05/02/2024
ANALYST : DL/CH

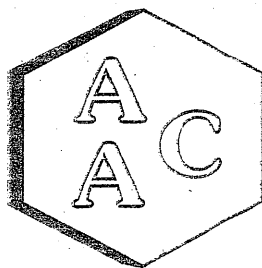
Client Sample ID	AAC Sample ID	Sampling Date	Analysis Date	Dimethylsulfide ppb (v/v)	Qualifier	Canister Dilution Factor	Analysis Dilution Factor	BFB-Surrogate Std. % Recovery*
MS-06	240968-57501	04/30/2024	05/01/2024	<SRL	U	1.46	1.0	87%
MS-07	240968-57502	04/30/2024	05/01/2024	<SRL	U	1.34	1.0	90%
MS-08	240968-57503	04/30/2024	05/01/2024	<SRL	U	1.46	1.0	88%
MS-09	240968-57504	04/30/2024	05/01/2024	<SRL	U	1.39	1.0	91%
MS-10	240968-57505	04/30/2024	05/01/2024	<SRL	U	1.45	1.0	90%
MS-11	240968-57506	04/30/2024	05/01/2024	<SRL	U	1.43	1.0	89%
MS-12	240968-57507	04/30/2024	05/01/2024	<SRL	U	1.45	1.0	89%
SCV	240968-57508	04/30/2024	05/01/2024	<SRL	U	1.47	1.0	91%
S End Lincoln	240968-57509	04/30/2024	05/01/2024	<SRL	U	1.46	1.0	90%
Chiquito Cyn Rd	240968-57510	04/30/2024	05/01/2024	<SRL	U	1.45	1.0	89%
MS-01	240968-57511	04/30/2024	05/01/2024	<SRL	U	1.49	1.0	90%
MS-02	240968-57512	04/30/2024	05/01/2024	<SRL	U	1.49	1.0	89%
MS-03	240968-57513	04/30/2024	05/01/2024	<SRL	U	1.47	1.0	89%
MS-04	240968-57514	04/30/2024	05/01/2024	<SRL	U	1.36	1.0	89%
MS-05	240968-57515	04/30/2024	05/01/2024	<SRL	U	1.50	1.0	89%
Reaction	240968-57516	04/30/2024	05/01/2024	5.75		1.49	1.0	89%
Working Face	240968-57517	04/30/2024	05/01/2024	<SRL	U	1.47	1.0	88%

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

RL - Reporting Limit

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





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 05/01/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-022324-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 03/18/2024 Calibration

Analyte Compounds	Source ¹	CCV ²	% Recovery ³
4-BFB (surrogate standard)	9.40	9.28	99
Chlorodifluoromethane	10.30	12.71	123
Propene	10.70	13.72	128
Dichlorodifluoromethane	10.40	11.90	114
Dimethyl Ether	10.20	12.77	125
Chloromethane	10.50	12.31	117
Dichlorotetrafluoroethane	10.20	10.39	102
Vinyl Chloride	10.60	11.81	111
Acetaldehyde	21.00	22.91	109
Methanol	19.00	22.41	118
1,3-Butadiene	10.70	12.70	119
Bromomethane	10.40	10.21	98
Chloroethane	10.40	9.38	90
Dichlorofluoromethane	10.20	10.13	99
Ethanol	11.40	12.05	106
Vinyl Bromide	10.10	10.18	101
Acrolein	10.90	11.45	105
Acetone	10.60	10.98	104
Trichlorofluoromethane	10.50	10.91	104
2-Propanol (IPA)	11.00	13.00	118
Acrylonitrile	11.00	11.69	106
1,1-Dichloroethene	10.50	10.02	95
Methylene Chloride (DCM)	10.40	10.10	97
TertButanol (TBA)	11.10	12.57	113
Allyl Chloride	10.20	11.21	110
Carbon Disulfide	10.50	11.52	110
Trichlorotrifluoroethane	10.30	10.14	98
trans-1,2-Dichloroethene	10.80	10.64	99
1,1-Dichloroethane	10.70	11.06	103
Methyl Tert Butyl Ether (MTBE)	10.70	11.27	105
Vinyl Acetate	11.00	12.08	110
2-Butanone (MEK)	10.70	11.09	104
cis-1,2-Dichloroethene	10.70	10.57	99
Hexane	10.80	10.00	93
Chloroform	10.70	10.70	100
Ethyl Acetate	10.70	11.88	111
Tetrahydrofuran	10.40	10.08	97
1,2-Dichloroethane	10.60	11.11	105
1,1,1-Trichloroethane	10.50	11.19	107
Benzene	10.70	10.33	97
Carbon Tetrachloride	10.30	11.61	113
Cyclohexane	10.50	10.24	98

Analyte Compounds (Continued)	Source ¹	CCV ²	% Recovery ³
1,2-Dichloropropane	10.70	11.10	104
Bromodichloromethane	10.50	11.59	110
1,4-Dioxane	10.50	10.25	98
Trichloroethene (TCE)	10.50	10.42	99
2,2,4-Trimethylpentane	10.10	11.11	110
Methyl Methacrylate	11.00	11.15	101
Heptane	10.50	10.33	98
cis-1,3-Dichloropropene	10.50	11.10	106
4-Methyl-2-pentanone (MIBK)	10.50	11.23	107
trans-1,3-Dichloropropene	10.60	11.21	106
1,1,2-Trichloroethane	10.60	10.07	95
Toluene	10.80	10.11	94
2-Hexanone (MBK)	10.50	12.22	116
Dibromochloromethane	10.60	11.68	110
1,2-Dibromoethane	10.60	10.67	101
Tetrachloroethene (PCE)	10.50	9.58	91
Chlorobenzene	10.80	10.05	93
Ethylbenzene	10.60	10.15	96
m & p-Xylene	21.20	19.08	90
Bromoform	10.60	11.25	106
Styrene	10.60	10.65	100
1,1,2,2-Tetrachloroethane	10.60	10.26	97
o-Xylene	10.60	10.27	97
1,2,3-Trichloropropane	11.00	11.03	100
Isopropylbenzene (Cumene)	10.40	9.89	95
α-Pinene	10.80	8.81	82
2-Chlorotoluene	10.30	10.27	100
n-Propylbenzene	10.10	9.57	95
4-Ethyltoluene	10.40	9.50	91
1,3,5-Trimethylbenzene	10.30	9.53	93
β-Pinene LR	10.90	6.04	55
1,2,4-Trimethylbenzene	10.30	9.58	93
Benzyl Chloride (a-Chlorotoluene)	10.30	11.46	111
1,3-Dichlorobenzene	10.30	9.80	95
1,4-Dichlorobenzene	10.20	9.94	97
Sec-ButylBenzene	10.10	9.42	93
1,2-Dichlorobenzene	10.40	9.76	94
n-ButylBenzene	10.30	10.09	98
1,2-Dibromo-3-Chloropropane	10.30	10.56	103
1,2,4-Trichlorobenzene	10.50	10.62	101
Naphthalene	10.90	11.75	108
Hexachlorobutadiene	10.80	9.46	88

¹ Concentration of analyte compound in certified source standard.

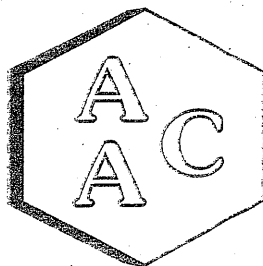
² Measured result from daily Continuing Calibration Verification (CCV).

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

LR - Recovery for this compound was low. Results should be considered estimated.

* - β-Pinene results are estimated.





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 05/01/2024

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-022324-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

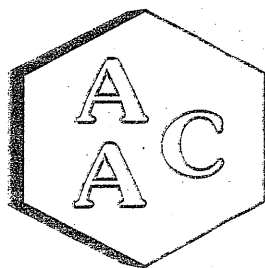
System Monitoring Compounds	Sample Concentration	Spike Added	LCS ¹ Recovery	LCSD ¹ Recovery	LCS ¹ % Recovery ²	LCSD ¹ % Recovery ²	RPD ³
4-BFB (surrogate standard)	0.0	9.40	9.28	9.21	99	98	0.8
1,1-Dichloroethene	0.0	10.50	10.02	10.10	95	96	0.8
Methylene Chloride (DCM)	0.0	10.40	10.10	10.30	97	99	2.0
Benzene	0.0	10.70	10.33	10.54	97	99	2.0
Trichloroethene (TCE)	0.0	10.50	10.42	10.45	99	100	0.3
Toluene	0.0	10.80	10.11	10.39	94	96	2.7
Tetrachloroethene (PCE)	0.0	10.50	9.58	9.89	91	94	3.2
Chlorobenzene	0.0	10.80	10.05	10.13	93	94	0.8
Ethylbenzene	0.0	10.60	10.15	10.25	96	97	1.0
m & p-Xylene	0.0	21.20	19.08	19.20	90	91	0.6
o-Xylene	0.0	10.60	10.27	10.34	97	98	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%).





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 05/01/2024

INSTRUMENT ID : GC/MS-04

MATRIX : High Purity He or N₂

ANALYST : DL

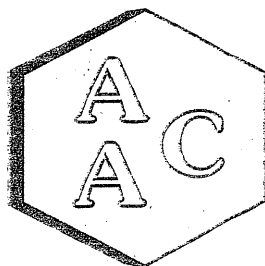
UNITS : PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 050124	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 050124	Reporting Limit (RL)
4-BFB (surrogate standard)	91%	100±30%	1,2-Dichloropropane	<RL	0.5
Chlorodifluoromethane	<RL	0.5	Bromodichloromethane	<RL	0.5
Propene	<RL	1.0	1,4-Dioxane	<RL	1.0
Dichlorodifluoromethane	<RL	0.5	Trichloroethene (TCE)	<RL	0.5
Dimethyl Ether	<RL	0.5	2,2,4-Trimethylpentane	<RL	0.5
Chloromethane	<RL	0.5	Methyl Methacrylate	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5	Heptane	<RL	0.5
Vinyl Chloride	<RL	0.5	cis-1,3-Dichloropropene	<RL	0.5
Acetaldehyde	<RL	5.0	4-Methyl-2-pentanone (MiBK)	<RL	0.5
Methanol	<RL	5.0	trans-1,3-Dichloropropene	<RL	0.5
1,3-Butadiene	<RL	0.5	1,1,2-Trichloroethane	<RL	0.5
Bromomethane	<RL	0.5	Toluene	<RL	0.5
Chloroethane	<RL	0.5	2-Hexanone (MBK)	<RL	1.0
Dichlorofluoromethane	<RL	0.5	Dibromochloromethane	<RL	0.5
Ethanol	<RL	2.0	1,2-Dibromoethane	<RL	0.5
Vinyl Bromide	<RL	0.5	Tetrachloroethene (PCE)	<RL	0.5
Acrolein	<RL	1.0	Chlorobenzene	<RL	0.5
Acetone	<RL	2.0	Ethylbenzene	<RL	0.5
Trichlorofluoromethane	<RL	0.5	m & p-Xylene	<RL	1.0
2-Propanol (IPA)	<RL	2.0	Bromoform	<RL	0.5
Acrylonitrile	<RL	0.5	Styrene	<RL	0.5
1,1-Dichloroethene	<RL	0.5	1,1,2,2-Tetrachloroethane	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0	o-Xylene	<RL	0.5
TertButanol (TBA)	<RL	0.5	1,2,3-Trichloropropane	<RL	0.5
Allyl Chloride	<RL	1.0	Isopropylbenzene (Cumene)	<RL	0.5
Carbon Disulfide	<RL	2.0	α-Pinene	<RL	0.5
Trichlorotrifluoroethane	<RL	0.5	2-Chlorotoluene	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5	n-Propylbenzene	<RL	0.5
1,1-Dichloroethane	<RL	0.5	4-Ethyltoluene	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5	1,3,5-Trimethylbenzene	<RL	0.5
Vinyl Acetate	<RL	0.5	β-Pinene	<RL	0.5
2-Butanone (MEK)	<RL	1.0	1,2,4-Trimethylbenzene	<RL	0.5
cis-1,2-Dichloroethene	<RL	0.5	Benzyl Chloride (a-Chlorotoluene)	<RL	0.5
Hexane	<RL	0.5	1,3-Dichlorobenzene	<RL	0.5
Chloroform	<RL	0.5	1,4-Dichlorobenzene	<RL	0.5
Ethyl Acetate	<RL	0.5	Sec-ButylBenzene	<RL	0.5
Tetrahydrofuran	<RL	0.5	1,2-Dichlorobenzene	<RL	0.5
1,2-Dichloroethane	<RL	0.5	n-ButylBenzene	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5	1,2-Dibromo-3-Chloropropane	<RL	0.5
Benzene	<RL	0.5	1,2,4-Trichlorobenzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5	Naphthalene	<RL	0.5
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 05/01/2024

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

ANALYST : DL

DILUTION FACTOR¹ : x1.34

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 240968-57502

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.48	8.58	1.2
Chlorodifluoromethane	<SRL	<SRL	NA
Propene	<SRL	<SRL	NA
Dichlorodifluoromethane	<SRL	<SRL	NA
Dimethyl Ether	<SRL	<SRL	NA
Chloromethane	0.67	0.68	2.0
Dichlorotetrafluoroethane	<SRL	<SRL	NA
Vinyl Chloride	<SRL	<SRL	NA
Acetaldehyde	<SRL	<SRL	NA
Methanol	16.8	16.4	2.3
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	2.98	2.98	0.0
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	3.24	3.11	3.8
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	<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 (α-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

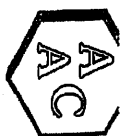
¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

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

SRL - Sample Reporting Limit (minimum)



240968



AAC Project No.:

Project Name

CHIQUITA / ON / DEH
Project Number

01204123.21 TASK 22

Sampler Name

Print: *Amguedd Thirce*

Signature:

Sample ID

57501

57502

57503

57509

51005
67001

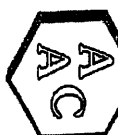
5750

57508

57569

57510

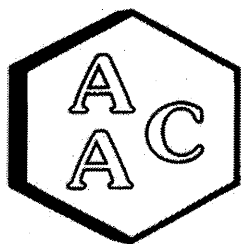
246968



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@aacalab.com · 1534 Eastman Ave Suite A, Ventura, CA 93003		AAC Project No.:					
Client/Company Name SCS ENGINEERS	Project Name CHIQUITA (ON OFF)	Send Report To (Name/Email/Address) pschafer@scsengineers.com					
Project Manager Name PAUL SCHAFER	Project Number 01204123.21 TASK 22	rhuff@scsengineers.com					
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal	Sampler Name Print: ALVARO HUERTADO Signature: <i>Alvaro Huertado</i>	Send Invoice To (Name/Email/Address)					
Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	TO-15 FULL LIST	Analysis Requested	PO Number
MS-01	57511	4/30	1442	1 Sample	X		
MS-02	57512		1354		X		
MS-03	57513		1342		X		
MS-04	57514		1501		X		
MS-05	57515		1427		X		
Reacher	57516		1824		X		
Wobbling Face	57517		1416		X		
Client Notes/Special Instructions:							
Relinquished By Print: ALVARO HUERTADO Signature: <i>Alvaro Huertado</i>							
Relinquished By Print: ALVARO HUERTADO Signature: <i>Alvaro Huertado</i>							
Received By Print: RHUFF BREYER Signature: <i>Rhuff Breyer</i>							
EDD? ☐ Yes ☒ No							
Date 4/30/24							
Time 1630							
Date 4/30/24							
Time 1633							

AAC Project No.:



Atmospheric Analysis & Consulting, Inc.

CLIENT : SCS Engineers
PROJECT NAME : Chiquita [ON / OFF]
PROJECT NUMBER : 01204123.21 TASK 22
AAC PROJECT NO. : 240968
REPORT DATE : 05/03/2024

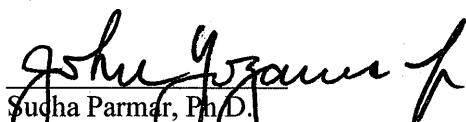
On April 30th 2024, Atmospheric Analysis & Consulting, Inc. received seventeen (17) Tedlar Bags for Total Reduced Sulfur analysis by SCAQMD 307.91. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Client ID	Lab No.
MS-06	240968-57518	S. End Lincoln	240968-57527
MS-07	240968-57519	MS-01	240968-57528
MS-08	240968-57520	MS-02	240968-57529
MS-09	240968-57521	MS-03	240968-57530
MS-10	240968-57522	MS-04	240968-57531
MS-11	240968-57523	MS-05	240968-57532
MS-12	240968-57524	Reaction	240968-57533
SCV	240968-57525	Working Face	240968-57534
Chiquita Cyn Rd	240968-57526		

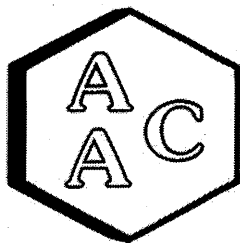
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

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.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 240968
MATRIX : AIR
UNITS : ppmv

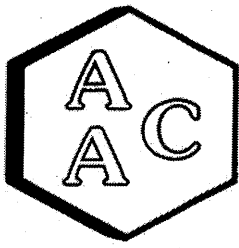
SAMPLING DATE : 04/30/2024
RECEIVING DATE : 04/30/2024
ANALYSIS DATE : 04/30-05/01/2024
REPORT DATE : 05/03/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-06	MS-07	MS-08	MS-09	MS-10	MS-11
AAC ID	240968-57518	240968-57519	240968-57520	240968-57521	240968-57522	240968-57523
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 H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

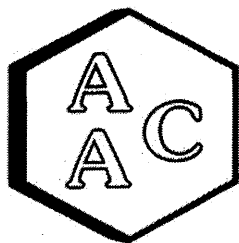
CLIENT : SCS Engineers
PROJECT NO. : 240968
MATRIX : AIR
UNITS : ppmv

SAMPLING DATE : 04/30/2024
RECEIVING DATE : 04/30/2024
ANALYSIS DATE : 04/30-05/01/2024
REPORT DATE : 05/03/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-12	SCV	Chiquita Cyn Rd	S End Lincoln	MS-01	MS-02
AAC ID	240968-57524	240968-57525	240968-57526	240968-57527	240968-57528	240968-57529
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 H₂S
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : SCS Engineers
PROJECT NO. : 240968
MATRIX : AIR
UNITS : ppmv

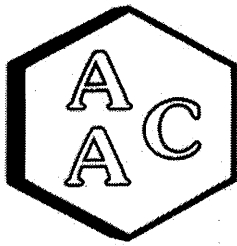
SAMPLING DATE : 04/30/2024
RECEIVING DATE : 04/30/2024
ANALYSIS DATE : 04/05/01/2024
REPORT DATE : 05/03/2024

Total Reduced Sulfur Compounds by SCAQMD 307.91

Client ID	MS-03	MS-04	MS-05	Reaction	Working Face
AAC ID	240968-57530	240968-57531	240968-57532	240968-57533	240968-57534
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	0.008	< 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	0.008	< 0.005

All unidentified compound's concentrations expressed in terms of H₂S

Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 4/30/2024
Analyst: CM/KM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 01/25/2024

Opening Calibration Verification Standard

0.511 ppbV H₂S (GC-110223-01)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	11415	0.529	103.6	0.6
Duplicate	11320	0.525	102.7	0.2
Triplicate	11310	0.524	102.6	0.3

0.502 ppbV H₂S (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	9630	0.520	103.5	0.8
Duplicate	9736	0.525	104.6	0.3
Triplicate	9763	0.527	104.9	0.6

0.497 ppbV H₂S (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12501	0.519	104.4	0.2
Duplicate	12555	0.521	104.8	0.3
Triplicate	12512	0.519	104.5	0.1

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 240745-56257

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate

240745-56257 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	0.256	0.270	0.271	105.7	106.1	0.4
MeSH	<PQL	0.251	0.272	0.272	108.4	108.4	0.0
DMS	<PQL	0.249	0.268	0.268	107.8	107.8	0.0

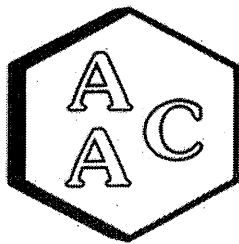
Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.511	0.474	92.8
MeSH	0.502	0.470	93.6
DMS	0.497	0.465	93.6

* 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



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SCAQMD 307.91

Date Analyzed: 5/1/2024
Analyst: CM/KM
Units: ppmV

Instrument ID : SCD-BTU
Calb. Date: : 01/25/2024

Opening Calibration Verification Standard

0.511 ppbV H₂S (GC-110223-01)

H ₂ S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10762	0.499	97.6	3.6
Duplicate	11229	0.521	101.9	0.6
Triplicate	11500	0.533	104.4	3.0

0.502 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	8860	0.478	95.2	4.6
Duplicate	9399	0.507	101.0	1.2
Triplicate	9592	0.517	103.1	3.3

0.497 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12179	0.505	101.7	1.3
Duplicate	12389	0.514	103.4	0.4
Triplicate	12439	0.516	103.9	0.8

Method Blank

Analyte	Result
H ₂ S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis

Sample ID 240745-56257

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H ₂ S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

Matrix Spike & Duplicate

240745-56257 x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H ₂ S	<PQL	0.256	0.276	0.256	108.0	100.2	7.5
MeSH	<PQL	0.251	0.275	0.258	109.6	102.8	6.4
DMS	<PQL	0.249	0.269	0.263	108.2	105.8	2.3

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H ₂ S	0.511	0.497	97.3
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 = 50.0 ppbV

MDL = 1.1 ppbV



246968

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@aacalab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003							
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON / OFF] Project Number 01204123.21 TASK 22		Analysis Requested		AAC Project No.:	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>[Signature]</i>		307.91 SULFUR		Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com	
Client Sample Name MS-06 MS-07 MS-08 MS-09 MS-10 MS-11 MS-12 SCN Chiquita S. End Lench		Sample ID 57518 57519 57520 57521 57522 57523 57524 57525 57526 57527	Sampling Date 4/30	Sampling Time 1330 1100 1134 1158 1212 0951 1020 1228 1048 1023	Container Type/Qty Sulfur Sulfur Sulfur Sulfur Sulfur Sulfur Sulfur Sulfur Sulfur Sulfur	Send Invoice To (Name/Email/Address)	
Client Notes/Special Instructions:						PO Number	
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>[Signature]</i> Relinquished By Print: <i>[Signature]</i> Signature: <i>[Signature]</i>						LAB USE ONLY	
						Sample Received	
						Lab ID	
						EPA Index	
						EQUIS	
						Fit Counter	
						Mother	
						Temperature	
						Thermometer	
						ID	
Initials						Returned Email	
Total Tests						Unused Cells	
Flow Controllers						Flow Controllers	

240968



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Atmospheric Analysis and Consulting • Phone: 805-650-1642 • Email: info@aacalab.com • 1534 Eastman Ave Suite A, Ventura, CA 93003				AAC Project No.: Send Report To (Name/Email/Address) pschafer@scsengineers.com rhuff@scsengineers.com Send Invoice To (Name/Email/Address)	
Client/Company Name SCS ENGINEERS Project Manager Name PAUL SCHAFER		Project Name CHIQUITA [ON / OFF] Project Number 01204123.21 TASK 22		Analysis Requested	
Turnaround Time ☐ Rush 24 h ☐ Same Day ☐ Rush 48 h ☐ 5 Days ☒ Rush 72 h ☐ Normal		Sampler Name Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		307.91 SULFUR	
Client Sample Name MS-01 MS-02 MS-03 MS-04 MS-05 Reaction Working Face		Sample ID S7528 S7529 S7530 S7531 S7532 S7533 S7534	Sampling Date 4/30 	Sampling Time 1442 1354 1342 1501 1427 1521 1410	Container Type/Qty Tedlar 1
LAB USE ONLY					
Lab ID		Sample Received Via		Lab Use Only	
☐ FedEx		☐ UPS		☐ Courier	
☐ Other		Temperature:		Thermometer ID:	
Initials:		Calibration:		Total Parts:	
Unused Cans:		New Containers:			
Client Notes/Special Instructions:					
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Received By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		EDD? ☐ Yes ☐ No	
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Received By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Date 4/30/21 Time 1633	
Relinquished By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Received By Print: <i>Armando Hurtado</i> Signature: <i>Armando Hurtado</i>		Date Time	



AAC Project No.:

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

Send Report To (Name)

pschafer@scse

rhuff@scsengi

Send Invoice To (P)

PO Number

Client Sample Name	Sample ID	Sampling Date	Sampling Time	Container Type/Qty	Lab ID	
					Lab ID	Lab ID
MS-06	57501	4/30	1330	SUMS 1		
MS-07	57502		1100 1100-82			
MS-08	57503		1134			
MS-09	57504		1158			
MS-10	57505		1212			
MS-11	57506		0951			
MS-12	57507		1020			
SCN	57508		1228			
S. Gendunaden	57509		1533			
Chigutolyn Rd	57510		1048			

Client Notes/Special Instructions:

Client Notes/Special Instructions:		FOR DATE ONLY	
		EDD?	Notes
Relinquished By Print: <i>H. G. Gandy</i>	Received By Print: <i>John Doe</i>	☐ Yes ☐ No	
Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Date <i>4/30/11</i>	
Relinquished By Print: <i>[Signature]</i>	Received By Print: <i>[Signature]</i>	Time <i>1630</i>	Time <i>1633</i>
		Date	Date
		Time	Time
		Signature:	Signature:

ATTACHMENT B
ODOR SAMPLE DATA

Odor Samples April 2024

Sample Name	Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics	
On-Site	MS-01	4/2/2024	NO ACCESS					
	MS-02	4/2/2024	NO ACCESS					
	MS-03	4/2/2024	9:53		4/3/2024	9:20 AM	2806	
	MS-04	4/2/2024	11:22		4/3/2024	12:25 PM	1250	sulfur, rotten eggs
	MS-05	4/2/2024	11:41	pumpkin smell + wet grass	4/3/2024	11:40 AM	2500	naturally offensive, vegetation
	Working/Active	4/2/2024	11:56	trashy, fishy, stagnant water; smells like where they kept the pigs at the fair (wet hay?)	4/3/2024	10:25 AM	< 312	
	Reaction	4/2/2024	12:17	slight leachate smell, rotten egg, h2s smell, rubber/burnt rubber (all with the breeze)	4/3/2024	10:10 AM	1113	stale, musty
Off-Site	MS-06	4/2/2024	9:43		4/3/2024	11:10 AM	< 312	
	MS-07	4/2/2024	10:05	trashy, slight persistent leachate smell	4/3/2024	10:40 AM	< 312	
	MS-08	4/2/2024	10:30	slight leachate	4/3/2024	9:40 AM	< 312	
	MS-09	4/2/2024	9:25	wet grass smell	4/3/2024	11:55 AM	3536	trash, rancid
	MS-10	4/2/2024	8:40		4/3/2024	12:40 PM	3535	sulfur, naturally offensive
	MS-11	4/2/2024	NO ACCESS					
	MS-12	4/2/2024	10:39	leachate breezes	4/3/2024	12:10 PM	2227	rancid, putrid, waste
	SCV	4/2/2024	9:17		4/3/2024	9:00 AM	2973	naturally offensive
	Chiquito	4/2/2024	10:15	slight leachate	4/3/2024	11:25 AM	< 312	fresh, sweet
S End Lincoln	4/2/2024	10:21	nose kind of burns, slight leachate	4/3/2024	9:55 AM	3535	smoke	

Odor Samples April 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	4/9/2024	10:10		4/10/2024	10:25 AM	2227	
	MS-02	4/9/2024	9:12		4/10/2024	11:25 AM	2102	sulfur, trash
	MS-03	4/9/2024	13:39	"Masking agent spraying towards sample location"	4/10/2024	10:40 AM	2102	stale, plastic
	MS-04	4/9/2024	10:52		4/10/2024	12:30 PM	1403	sewer, trash
	MS-05	4/9/2024	9:42		4/10/2024	9:15 AM	< 312	
	Working/Active	4/9/2024	9:31		4/10/2024	1:43 PM	< 78	sewer, naturally offensive, trash
	Reaction	4/9/2024	10:36	"Sample taken from bottom of mountain/hill. Strong leachate @34.435103N; 118.651598W"	4/10/2024	10:10 AM	3536	musty, sour, warm, trash
Off-Site	MS-06	4/9/2024	13:28		4/10/2024	12:45 PM	1051	soil, vegetation, not offensive
	MS-07	4/9/2024	11:51	Leachate (strong) and consistent	4/10/2024	11:10 AM	< 156	vinegar
	MS-08	4/9/2024	12:36		4/10/2024	12:15 PM	884	stale, synthetic, plastic
	MS-09	4/9/2024	12:49	Odor bag had hole	4/10/2024	9:30 AM	< 312	burnt oil, fire
	MS-10	4/9/2024	13:13		4/10/2024	1:30 PM	< 78	sewer, stale, musty
	MS-11	4/9/2024	8:43		4/10/2024	11:45 AM	442	sulfur, sewer
	MS-12	4/9/2024	12:27		4/10/2024	9:50 AM	2102	stale, plastic
	SCV	4/9/2024	13:02		4/10/2024	12:00 PM	1486	
	Chiquito	4/9/2024	12:01	Leachate	4/10/2024	9:00 AM	< 312	grease, burnt oil
	S End Lincoln	4/9/2024	12:20		4/10/2024	1:13 PM	556	

Odor Samples April 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	4/16/2024	12:42		4/17/2024	11:50 AM	2332	cleaning solution
	MS-02	4/16/2024	11:33	"Leachate. Stronger than OFF (except MS-07) but not super strong"	4/17/2024	9:00 AM	< 156	
	MS-03	4/16/2024	12:04		4/17/2024	12:25 PM	< 156	
	MS-04	4/16/2024	13:19		4/17/2024	12:40 PM	< 156	sweet, cocoa
	MS-05	4/16/2024	12:27		4/17/2024	9:10 AM	3536	putrid, rancid, trash
	Working/Active	4/16/2024	12:17	"Sour @34.429313N; 118.648329W"	4/17/2024	10:55 AM	442	petroleum, gas, synthetic material
	Reaction	4/16/2024	13:01	"Taken from top of mountain/hill @34.436581N; 118.649052W"	4/17/2024	12:05 PM	5612	stale, naturally offensive
Off-Site	MS-06	4/16/2024	11:53		4/17/2024	11:20 AM	1113	sweet, floral
	MS-07	4/16/2024	9:32	Strong leachate smell	4/17/2024	1:10 PM	< 156	
	MS-08	4/16/2024	10:38		4/17/2024	10:20 AM	3536	plastic, sweet
	MS-09	4/16/2024	10:26	Sweet, vanilla	4/17/2024	9:45 AM	1051	
	MS-10	4/16/2024	9:53		4/17/2024	11:35 AM	1768	plastic, stale
	MS-11	4/16/2024	9:07		4/17/2024	1:30 PM	1403	stale, putrid, musty
	MS-12	4/16/2024	10:47	A couple breezes of leachate (faint)	4/17/2024	12:55 PM	1768	sunblock, sewage
	SCV	4/16/2024	10:09		4/17/2024	9:25 AM	1250	sweet
	Chiquito	4/16/2024	11:07	Paint, hints of leachate in waves	4/17/2024	10:40 AM	884	
	S End Lincoln	4/16/2024	10:56	"Hints of leachate (slightly more than at MS-12)"	4/17/2024	10:10 AM	1768	sawdust, naturally offensive, vanilla

Odor Samples April 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	4/23/2024	13:03	Floral, gust of leachate	4/24/2024	12:45 PM	<156	salty, meat
	MS-02	4/23/2024	12:16	Masking agent spraying nearby	4/24/2024	11:53 AM	2228	faint
	MS-03	4/23/2024	12:01		4/24/2024	9:50 AM	<156	faint, fresh
	MS-04	4/23/2024	13:38		4/24/2024	13:57 PM	770	putrid, garbage, acetone, naturally unpleasant
	MS-05	4/23/2024	12:48		4/24/2024	12:14 PM	526	sweet, fruit
	Working/Active	4/23/2024	12:31	Rancid, rotten, dirt @34.428344N; 118.650976W	4/24/2024	9:15 AM	1768	sweet
	Reaction	4/23/2024	13:19	Strong leachate, sampled from top of mountain/hill, heavy machinery operating nearby @34.435530N; 118.650055W	4/24/2024	1:19 PM	5613	sweet, fruity, toast, cinnamon, acetone
Off-Site	MS-06	4/23/2024	11:51		4/24/2024	12:31 PM	1166	salty, sweet
	MS-07	4/23/2024	9:40		4/24/2024	10:28 AM	2807	sulfur, solvent, chemical
	MS-08	4/23/2024	10:17		4/24/2024	9:00 AM	1403	none
	MS-09	4/23/2024	10:30	Sweet, vanilla	4/24/2024	10:46 AM	1051	salty, savory, petroleum
	MS-10	4/23/2024	10:49	Hints of leachate	4/24/2024	11:35 AM	884	none
	MS-11	4/23/2024	9:12		4/24/2024	11:16 AM	1575	sweet, garbage, putrid
	MS-12	4/23/2024	10:08		4/24/2024	9:30 AM	2973	stale, musty
	SCV	4/23/2024	10:39	Pasteries, baked bread	4/24/2024	13:02 PM	2333	meat, sweet, harvest
	Chiquito	4/23/2024	9:52		4/24/2024	13:40 PM	2103	salty, sweet, fresh air
	S End Lincoln	4/23/2024	10:00		4/24/2024	10:05 AM	2103	bland

Odor Samples April 2024

Sample Name		Sample Date	Sample Time	Notes	Analysis Date	Analysis Time	ou/m3	Odor Characteristics
On-Site	MS-01	4/30/2024	14:42	Grassy, leachate (gust)	5/1/2024	12:50 PM	7071	sewage, feces, strong
	MS-02	4/30/2024	13:54		5/1/2024	12:30 PM	2500	
	MS-03	4/30/2024	13:42		5/1/2024	1:40 PM	2806	compost, trash
	MS-04	4/30/2024	15:01		5/1/2024	1:10 PM	7071	landfill, compost, vegetation
	MS-05	4/30/2024	14:27		5/1/2024	10:35 AM	<312	
	Working/Active	4/30/2024	14:10	Rotten, spices @34.429381N; 118.648942W	5/1/2024	1:25 PM	4204	
	Reaction	4/30/2024	15:21	Leachate (strong, but less than last week), no work being done in area. @34.435703N; 118.650000W	5/1/2024	12:00 PM	3535	compost, garbage, sour milk
Off-Site	MS-06	4/30/2024	13:30	Chocolate/coffee	5/1/2024	10:15 AM	BDL <312	
	MS-07	4/30/2024	11:00		5/1/2024	9:45 AM	2332	naturally offensive
	MS-08	4/30/2024	11:34	Grassy	5/1/2024	10:00 AM	3535	crackers, salty,
	MS-09	4/30/2024	11:58		5/1/2024	11:40 AM	5612	
	MS-10	4/30/2024	12:12		5/1/2024	12:15 PM	4061	landfill
	MS-11	4/30/2024	9:51		5/1/2024	9:30 AM	2102	
	MS-12	4/30/2024	10:20		5/1/2024	10:55 AM	900	
	SCV	4/30/2024	12:28	Wood (constant), leachate (Breeze)	5/1/2024	11:25 AM	4061	
	Chiquito	4/30/2024	10:48		5/1/2024	9:12 AM	2227	musty
	S End Lincoln	4/30/2024	10:33	Odor bag had hole, which was taped immediately. Smelled sweet	5/1/2024	9:00 AM	1250	stale