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8/26/2024
Mr. Joey Hahn
Stantec Consulting Corporation
209 Commerce Parkway, PO Box 128

Cottage Grove WI 53527

Project Name: North Point Cleaners
Project #: 193710557
Workorder #: 2408478

Dear Mr. Joey Hahn

The following report includes the data for the above referenced project for sample(s) received on 8/13/2024 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Jade White

Project Manager

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WORK ORDER #: 2408478

Work Order Summary

CLIENT:	Mr. Joey Hahn Stantec Consulting Corporation 209 Commerce Parkway, PO Box 128 Cottage Grove, WI 53527	**BILL TO:**	Accounts Payable-Lombard Stantec Consulting Corporation 701 East 22nd Street Suite 115 Lombard, IL 60148
PHONE:	608-861-0827	**P.O. #**	193710557
FAX:		**PROJECT #**	193710557 North Point Cleaners
DATE RECEIVED:	08/13/2024	**CONTACT:**	Jade White
DATE COMPLETED:	08/26/2024		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	SS-2	TO-15	6.5 "Hg	1.8 psi
02A	SS-3	TO-15	4.7 "Hg	1.8 psi
03A	SS-1	TO-15	6.1 "Hg	2 psi
04A	Lab Blank	TO-15	NA	NA
05A	CCV	TO-15	NA	NA
06A	LCS	TO-15	NA	NA
06AA	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 08/26/24

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2703122, NH NELAP–209223-B, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-12695, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-20
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000

LABORATORY NARRATIVE
EPA Method TO-15
Stantec Consulting Corporation
Workorder# 2408478

Three 6 Liter Summa Canister samples were received on August 13, 2024. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

M - Reported value may be biased due to apparent matrix interferences.

CN - See Case Narrative.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS

Client Sample ID: SS-2

Lab ID#: 2408478-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.72	3.8	4.8	26

Client Sample ID: SS-3

Lab ID#: 2408478-02A

No Detections Were Found.

Client Sample ID: SS-1

Lab ID#: 2408478-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.72	0.75	4.8	5.1

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Client Sample ID: SS-2

Lab ID#: 2408478-01A

EPA METHOD TO-15 GC/MS

File Name:	**p082320**	**Date of Collection:**	**8/6/24 12:49:00 PM**
Dil. Factor:	**1.43**	**Date of Analysis:**	**8/23/24 10:54 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.72	Not Detected	1.8	Not Detected
cis-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Trichloroethene	0.72	Not Detected	3.8	Not Detected
Tetrachloroethene	0.72	3.8	4.8	26
trans-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	105	70-130

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Client Sample ID: SS-3

Lab ID#: 2408478-02A

EPA METHOD TO-15 GC/MS

File Name:	**p082321**	**Date of Collection:**	**8/6/24 1:41:00 PM**
Dil. Factor:	**1.33**	**Date of Analysis:**	**8/23/24 11:26 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.66	Not Detected	1.7	Not Detected
cis-1,2-Dichloroethene	0.66	Not Detected	2.6	Not Detected
Trichloroethene	0.66	Not Detected	3.6	Not Detected
Tetrachloroethene	0.66	Not Detected	4.5	Not Detected
trans-1,2-Dichloroethene	0.66	Not Detected	2.6	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	104	70-130

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Client Sample ID: SS-1

Lab ID#: 2408478-03A

EPA METHOD TO-15 GC/MS

File Name:	**p082322**	**Date of Collection:**	**8/6/24 10:22:00 AM**
Dil. Factor:	**1.43**	**Date of Analysis:**	**8/23/24 11:57 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.72	Not Detected	1.8	Not Detected
cis-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected
Trichloroethene	0.72	Not Detected	3.8	Not Detected
Tetrachloroethene	0.72	0.75	4.8	5.1
trans-1,2-Dichloroethene	0.72	Not Detected	2.8	Not Detected

Container Type: 6 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	99	70-130

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Client Sample ID: Lab Blank

Lab ID#: 2408478-04A

EPA METHOD TO-15 GC/MS

File Name:	**p082307**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/23/24 12:16 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	96	70-130

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Client Sample ID: CCV

Lab ID#: 2408478-05A

EPA METHOD TO-15 GC/MS

File Name:	**p082303**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/23/24 10:17 AM**	

Compound	**%Recovery**
Vinyl Chloride	107
cis-1,2-Dichloroethene	105
Trichloroethene	98
Tetrachloroethene	105
trans-1,2-Dichloroethene	108

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	112	70-130

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Client Sample ID: LCS

Lab ID#: 2408478-06A

EPA METHOD TO-15 GC/MS

File Name:	**p082304**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/23/24 10:46 AM**	

Compound	**%Recovery**	**Method Limits**
Vinyl Chloride	104	70-130
cis-1,2-Dichloroethene	106	70-130
Trichloroethene	92	70-130
Tetrachloroethene	105	70-130
trans-1,2-Dichloroethene	104	70-130

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	95	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	113	70-130

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Client Sample ID: LCSD

Lab ID#: 2408478-06AA

EPA METHOD TO-15 GC/MS

File Name:	**p082305**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/23/24 11:15 AM**	

Compound	**%Recovery**	**Method Limits**
Vinyl Chloride	99	70-130
cis-1,2-Dichloroethene	103	70-130
Trichloroethene	92	70-130
Tetrachloroethene	102	70-130
trans-1,2-Dichloroethene	103	70-130

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
1,2-Dichloroethane-d4	93	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	110	70-130

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Method : TO-15 (Sh)-c/t-1,2-DCE, PCE, TCE & VC

CAS Number	Compound	Rpt. Limit (ppbv)
75-01-4	Vinyl Chloride	0.50
156-59-2	cis-1,2-Dichloroethene	0.50
79-01-6	Trichloroethene	0.50
127-18-4	Tetrachloroethene	0.50
156-60-5	trans-1,2-Dichloroethene	0.50

	Surrogate	Method Limits
17060-07-0	1,2-Dichloroethane-d4	70-130
2037-26-5	Toluene-d8	70-130
460-00-4	4-Bromofluorobenzene	70-130

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8/30/2024
Mr. Joey Hahn
Stantec Consulting Corporation
209 Commerce Parkway, PO Box 128

Cottage Grove WI 53527

Project Name: Northpoint Cleaners
Project #: 193710557
Workorder #: 2408505

Dear Mr. Joey Hahn

The following report includes the data for the above referenced project for sample(s) received on 8/19/2024 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Passive S.E. RAD130/SKC are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Jade White at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Jade White

Project Manager

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WORK ORDER #: 2408505

Work Order Summary

CLIENT:	Mr. Joey Hahn Stantec Consulting Corporation 209 Commerce Parkway, PO Box 128 Cottage Grove, WI 53527	**BILL TO:**	Accounts Payable-Lombard Stantec Consulting Corporation 701 East 22nd Street Suite 115 Lombard, IL 60148
PHONE:	608-861-0827	**P.O. #**	193710557
FAX:		**PROJECT #**	193710557 Northpoint Cleaners
DATE RECEIVED:	08/19/2024	**CONTACT:**	Jade White
DATE COMPLETED:	08/30/2024		

FRACTION #	NAME	TEST
01A	Church #2	Passive S.E. RAD130/SKC
02A	Church #1	Passive S.E. RAD130/SKC
03A	Background	Passive S.E. RAD130/SKC
04A	Sanitary Lateral	Passive S.E. RAD130/SKC
05A	Home #1	Passive S.E. RAD130/SKC
06A	Trip Blank	Passive S.E. RAD130/SKC
07A	Lab Blank	Passive S.E. RAD130/SKC
08A	CCV	Passive S.E. RAD130/SKC
09A	LCS	Passive S.E. RAD130/SKC
09AA	LCSD	Passive S.E. RAD130/SKC

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 08/30/24

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2703122, NH NELAP–209223-B, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-12695, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-20
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

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LABORATORY NARRATIVE
RAD130 Passive SE by Mod EPA TO-17
Stantec Consulting Corporation
Workorder# 2408505

Six Radiello 130 (Solvent) samples were received on August 19, 2024. The laboratory analyzed the charcoal sorbent bed of the passive sampler following modified method EPA TO-17. The VOCs were chemically extracted using carbon disulfide and an aliquot of the extract was injected into a GC/MS for identification and quantification of volatile organic compounds (VOCs).

The mass of each target compound adsorbed by the sampler was converted to units of concentration using the sample deployment time and the sampling rate for each VOC. If sampling rates were calculated by the lab or the manufacturer, the concentration result has been flagged as an estimated value. Results are not corrected for desorption efficiency.

The reference method used for this procedure is EPA TO-17, which describes the collection of VOCs in ambient air using sorbents and analysis by GC/MS. Because TO-17 describes active sample collection using a pump and thermal desorption as the preparation step, several modifications are required. Modifications to TO-17 are listed in the table below:

Requirement	***TO-17***	***ATL Modifications***
Sample Collection	Pump pulls measured air volume through sorbent tube	VOCs in air adsorbed onto sorbent bed passively through diffusion
Sample Preparation	Thermal extraction	Solvent extraction
Sorbent tube conditioning	Condition newly packed tubes prior to use	Charcoal-based sorbent is a single use media and conditioning is conducted by vendor.
Instrumentation	Thermal desorption introduction system	Liquid injection introduction system
Internal Standard	Gas-phase internal standard introduced on the tube or focusing trap during analysis	Liquid-phase internal standard introduced on the tube at the time of extraction
Media and sample storage	<4 deg C, 30 days	Media shelf life is determined by vendor; sample hold-time is 6 months for the RAD130 and WMS. Sample preservation requirements are storage in a cool, solvent-free refrigerator and optional use of ice during shipping.
Internal Standard Recovery	+/-40% of daily CCV area	-50% to +100% of daily CCV area

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

The uptake rates were corrected based on average field temperatures if provided. In the absence of field temperatures, the uptake rates determined at 25 deg C were used.

If validated uptake rates were not available, rates were estimated using the chemical's diffusion coefficient in air and the geometric constant of the sampler. Chemicals that are poorly retained by the sorbent over the sampling duration may exhibit a low bias. All concentrations calculated using estimated rates are qualified with a "C" flag.

To calculate ug/m3 concentrations in the Lab Blank and Trip Blank, a sampling duration of 13180 minutes was applied. The assumed temperature used for the uptake rate is listed on the data page. If the field temperatures were provided, the rate was adjusted in the same manner as the field samples.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

C - Estimated concentration due to calculated sampling rate

CN - See case narrative explanation.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
VOCS BY PASSIVE SAMPLER - GC/MS

Client Sample ID: Church #2

Lab ID#: 2408505-01A

No Detections Were Found.

Client Sample ID: Church #1

Lab ID#: 2408505-02A

No Detections Were Found.

Client Sample ID: Background

Lab ID#: 2408505-03A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.12	0.20	0.23

Client Sample ID: Sanitary Lateral

Lab ID#: 2408505-04A

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.11	0.11	0.13
Tetrachloroethene	0.10	0.13	2.0	2.8
cis-1,2-Dichloroethene	0.10	0.13	0.16 C	0.20 C

Client Sample ID: Home #1

Lab ID#: 2408505-05A

No Detections Were Found.

Client Sample ID: Trip Blank

Lab ID#: 2408505-06A

No Detections Were Found.

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Client Sample ID: Church #2

Lab ID#: 2408505-01A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082106sim**	**Date of Collection: 8/15/24 2:20:00 PM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 11:03 AM**
		Date of Extraction: 8/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.11	Not Detected	Not Detected
Tetrachloroethene	0.10	0.13	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.12	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.26	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 72.0F , duration time = 13180 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130

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Client Sample ID: Church #1

Lab ID#: 2408505-02A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082107sim**	**Date of Collection: 8/15/24 2:10:00 PM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 11:30 AM**
		Date of Extraction: 8/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.11	Not Detected	Not Detected
Tetrachloroethene	0.10	0.13	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.12	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.26	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 70.0F , duration time = 13180 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130

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Client Sample ID: Background

Lab ID#: 2408505-03A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082108sim**	**Date of Collection: 8/15/24 9:30:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 11:58 AM**
		Date of Extraction: 8/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.12	0.20	0.23
Tetrachloroethene	0.10	0.13	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.13	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.26	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 75.0F , duration time = 12630 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130

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Client Sample ID: Sanitary Lateral

Lab ID#: 2408505-04A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082109sim**	**Date of Collection: 8/15/24 10:10:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 12:25 PM**
		Date of Extraction: 8/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.11	0.11	0.13
Tetrachloroethene	0.10	0.13	2.0	2.8
cis-1,2-Dichloroethene	0.10	0.13	0.16 C	0.20 C
trans-1,2-Dichloroethene	0.20	0.26	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 75.0F , duration time = 12680 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130

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Client Sample ID: Home #1

Lab ID#: 2408505-05A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082110sim**	**Date of Collection: 8/15/24 10:30:00 AM**
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 12:52 PM**
		Date of Extraction: 8/21/24

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.11	Not Detected	Not Detected
Tetrachloroethene	0.10	0.13	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.12	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.26	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 70.0F , duration time = 13050 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130

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Client Sample ID: Trip Blank

Lab ID#: 2408505-06A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082111sim**	**Date of Collection: 8/15/24**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 01:19 PM**	
		Date of Extraction: 8/21/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.11	Not Detected	Not Detected
Tetrachloroethene	0.10	0.13	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.12	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.26	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 72.0F , duration time = 13180 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130

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Client Sample ID: Lab Blank

Lab ID#: 2408505-07A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082105sim**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 10:30 AM**	
		Date of Extraction: 8/21/24	

Compound	Rpt. Limit (ug)	Rpt. Limit (ug/m3)	Amount (ug)	Amount (ug/m3)
Trichloroethene	0.10	0.11	Not Detected	Not Detected
Tetrachloroethene	0.10	0.13	Not Detected	Not Detected
cis-1,2-Dichloroethene	0.10	0.12	Not Detected C	Not Detected C
trans-1,2-Dichloroethene	0.20	0.25	Not Detected C	Not Detected C

C = Estimated concentration due to calculated sampling rate.

Temperature = 75.0F , duration time = 13180 minutes.
Container Type: Radiello 130 (Solvent)

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130

eurofins | Air Toxics

Client Sample ID: CCV

Lab ID#: 2408505-08A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082102sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 08:41 AM**
		Date of Extraction: NA

Compound	**%Recovery**
Trichloroethene	104
Tetrachloroethene	104
cis-1,2-Dichloroethene	106
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	104	70-130

eurofins | Air Toxics

Client Sample ID: LCS

Lab ID#: 2408505-09A

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082103sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 09:19 AM**
		Date of Extraction: 8/21/24

Compound	**%Recovery**	**Method Limits**
Trichloroethene	92	70-130
Tetrachloroethene	89	70-130
cis-1,2-Dichloroethene	100	70-130
trans-1,2-Dichloroethene	100	70-130

Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Toluene-d8	98	70-130

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2408505-09AA

VOCS BY PASSIVE SAMPLER - GC/MS

File Name:	**c082104sim**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 8/21/24 09:46 AM**
		Date of Extraction: 8/21/24

Compound	%Recovery	Method Limits
Trichloroethene	91	70-130
Tetrachloroethene	90	70-130
cis-1,2-Dichloroethene	95	70-130
trans-1,2-Dichloroethene	93	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130

eurofins | Air Toxics

Method : Passive SE GC/MS - c&t-1,2-DCE, PCE & TCE

CAS Number	Compound	Rpt. Limit (ug)
79-01-6	**Trichloroethene**	**0.10**
127-18-4	Tetrachloroethene	0.10
156-59-2	**cis-1,2-Dichloroethene**	**0.10**
156-60-5	**trans-1,2-Dichloroethene**	**0.20**

	Surrogate	Method Limits
2037-26-5	Toluene-d8	70-130