

10/11/2022

Amir Roghani

Arcadis U.S., Inc.

2464 Fortune Drive #170

Lexington KY 40509

Project Name: 3M Wausau

Project #: 30106487

Workorder #: 2209825

Dear Amir Roghani

The following report includes the data for the above referenced project for sample(s) received on 9/28/2022 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by Modified TO-15 SIM 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: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Brian Whittaker

Project Manager

**WORK ORDER #: 2209825**

Work Order Summary

<b>CLIENT:</b>	Amir Roghani Arcadis U.S., Inc. 2464 Fortune Drive #170 Lexington, KY 40509	<b>BILL TO:</b>	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
<b>PHONE:</b>	859-253-9036	<b>P.O. #</b>	
<b>FAX:</b>	(859) 253-9136	<b>PROJECT #</b>	30106487 3M Wausau
<b>DATE RECEIVED:</b>	09/28/2022	<b>CONTACT:</b>	Brian Whittaker
<b>DATE COMPLETED:</b>	10/11/2022		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	VS-SB1(20220926)	Modified TO-15 SIM	4.1 "Hg	2 psi
02A	VS-SB2(20220926)	Modified TO-15 SIM	3.7 "Hg	1.8 psi
03A	VS-TB(20220926)	Modified TO-15 SIM	6.1 "Hg	1.7 psi
04A	OA-1(20220926)	Modified TO-15 SIM	5.9 "Hg	1.7 psi
05A	VS-DUP1(20220926)	Modified TO-15 SIM	6.3 "Hg	1.9 psi
06A	Lab Blank	Modified TO-15 SIM	NA	NA
07A	CCV	Modified TO-15 SIM	NA	NA
08A	LCS	Modified TO-15 SIM	NA	NA
08AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY:   
 \_\_\_\_\_  
 Technical Director

DATE: 10/11/22

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP - 209221, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-21-17, UT NELAP – CA009332021-13, VA NELAP - 10615, WA NELAP - C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)  
 Accreditation number: CA300005-015, Effective date: 10/18/2021, Expiration date: 10/17/2022.

Eurofins Air Toxics, LLC certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630  
 (916) 985-1000 . (800) 985-5955 . FAX (916) 351-8279

**LABORATORY NARRATIVE**  
**Modified TO-15 SIM**  
**Arcadis U.S., Inc.**  
**Workorder# 2209825**

Five 6 Liter Summa Canister (100% SIM Ambient) samples were received on September 28, 2022. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the EATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	<math>\leq 30\%</math> RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is <math>\leq 30\%</math> RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is <math>\leq 30\%</math> Difference with 10% of compounds allowed out up to <math>\leq 40\%</math>; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

**Receiving Notes**

There were no receiving discrepancies.

**Analytical Notes**

There were no analytical discrepancies.

**Definition of Data Qualifying Flags**

The following 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, 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.

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

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

**Client Sample ID: VS-SB1(20220926)**

**Lab ID#: 2209825-01A**

No Detections Were Found.

**Client Sample ID: VS-SB2(20220926)**

**Lab ID#: 2209825-02A**

No Detections Were Found.

**Client Sample ID: VS-TB(20220926)**

**Lab ID#: 2209825-03A**

<b>Compound</b>	<b>Rpt. Limit (ppbv)</b>	<b>Amount (ppbv)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
cis-1,2-Dichloroethene	0.028	0.043	0.11	0.17
Trichloroethene	0.028	0.62	0.15	3.4

**Client Sample ID: OA-1(20220926)**

**Lab ID#: 2209825-04A**

No Detections Were Found.

**Client Sample ID: VS-DUP1(20220926)**

**Lab ID#: 2209825-05A**

<b>Compound</b>	<b>Rpt. Limit (ppbv)</b>	<b>Amount (ppbv)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
cis-1,2-Dichloroethene	0.029	0.045	0.11	0.18
Trichloroethene	0.029	0.65	0.15	3.5

Client Sample ID: VS-SB1(20220926)

Lab ID#: 2209825-01A

**MODIFIED EPA METHOD TO-15 GC/MS SIM**

<b>File Name:</b>	60100519sim	<b>Date of Collection:</b> 9/26/22 3:20:00 PM
<b>Dil. Factor:</b>	1.32	<b>Date of Analysis:</b> 10/6/22 01:28 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.013	Not Detected	0.034	Not Detected
cis-1,2-Dichloroethene	0.026	Not Detected	0.10	Not Detected
Trichloroethene	0.026	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.52	Not Detected

Container Type: 6 Liter Summa Canister (100% SIM Ambient)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: VS-SB2(20220926)

Lab ID#: 2209825-02A

**MODIFIED EPA METHOD TO-15 GC/MS SIM**

<b>File Name:</b>	60100520sim	<b>Date of Collection:</b> 9/26/22 3:24:00 PM
<b>Dil. Factor:</b>	1.28	<b>Date of Analysis:</b> 10/6/22 02:09 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.013	Not Detected	0.033	Not Detected
cis-1,2-Dichloroethene	0.026	Not Detected	0.10	Not Detected
Trichloroethene	0.026	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.51	Not Detected

**Container Type: 6 Liter Summa Canister (100% SIM Ambient)**

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: VS-TB(20220926)

Lab ID#: 2209825-03A

**MODIFIED EPA METHOD TO-15 GC/MS SIM**

<b>File Name:</b>	60100521sim	<b>Date of Collection:</b> 9/26/22 2:45:00 PM
<b>Dil. Factor:</b>	1.40	<b>Date of Analysis:</b> 10/6/22 02:51 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.014	Not Detected	0.036	Not Detected
cis-1,2-Dichloroethene	0.028	0.043	0.11	0.17
Trichloroethene	0.028	0.62	0.15	3.4
trans-1,2-Dichloroethene	0.14	Not Detected	0.56	Not Detected

**Container Type: 6 Liter Summa Canister (100% SIM Ambient)**

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	105	70-130
4-Bromofluorobenzene	124	70-130



Client Sample ID: OA-1(20220926)

Lab ID#: 2209825-04A

**MODIFIED EPA METHOD TO-15 GC/MS SIM**

<b>File Name:</b>	60100522sim	<b>Date of Collection:</b> 9/26/22 2:40:00 PM
<b>Dil. Factor:</b>	1.39	<b>Date of Analysis:</b> 10/6/22 03:32 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.014	Not Detected	0.036	Not Detected
cis-1,2-Dichloroethene	0.028	Not Detected	0.11	Not Detected
Trichloroethene	0.028	Not Detected	0.15	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected

Container Type: 6 Liter Summa Canister (100% SIM Ambient)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: VS-DUP1(20220926)

Lab ID#: 2209825-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	60100523sim	Date of Collection:	9/26/22
Dil. Factor:	1.43	Date of Analysis:	10/6/22 04:14 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.014	Not Detected	0.036	Not Detected
cis-1,2-Dichloroethene	0.029	0.045	0.11	0.18
Trichloroethene	0.029	0.65	0.15	3.5
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected

Container Type: 6 Liter Summa Canister (100% SIM Ambient)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	124	70-130

Client Sample ID: Lab Blank

Lab ID#: 2209825-06A

**MODIFIED EPA METHOD TO-15 GC/MS SIM**

<b>File Name:</b>	60100505sim	<b>Date of Collection:</b> NA
<b>Dil. Factor:</b>	1.00	<b>Date of Analysis:</b> 10/5/22 01:00 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	78	70-130

Client Sample ID: CCV

Lab ID#: 2209825-07A

**MODIFIED EPA METHOD TO-15 GC/MS SIM**

<b>File Name:</b>	<b>60100502sim</b>	<b>Date of Collection:</b> NA
<b>Dil. Factor:</b>	<b>1.00</b>	<b>Date of Analysis:</b> 10/5/22 10:36 AM

<b>Compound</b>	<b>%Recovery</b>
Vinyl Chloride	83
cis-1,2-Dichloroethene	108
Trichloroethene	90
trans-1,2-Dichloroethene	110

**Container Type: NA - Not Applicable**

<b>Surrogates</b>	<b>%Recovery</b>	<b>Method Limits</b>
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	112	70-130
4-Bromofluorobenzene	122	70-130

Client Sample ID: LCS

Lab ID#: 2209825-08A

**MODIFIED EPA METHOD TO-15 GC/MS SIM**

<b>File Name:</b>	<b>60100503sim</b>	<b>Date of Collection:</b> NA
<b>Dil. Factor:</b>	<b>1.00</b>	<b>Date of Analysis:</b> 10/5/22 11:17 AM

<b>Compound</b>	<b>%Recovery</b>	<b>Method Limits</b>
Vinyl Chloride	86	70-130
cis-1,2-Dichloroethene	108	70-130
Trichloroethene	91	70-130
trans-1,2-Dichloroethene	112	70-130

**Container Type: NA - Not Applicable**

<b>Surrogates</b>	<b>%Recovery</b>	<b>Method Limits</b>
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	119	70-130

Client Sample ID: LCSD

Lab ID#: 2209825-08AA

**MODIFIED EPA METHOD TO-15 GC/MS SIM**

<b>File Name:</b>	<b>60100504sim</b>	<b>Date of Collection:</b> NA
<b>Dil. Factor:</b>	<b>1.00</b>	<b>Date of Analysis:</b> 10/5/22 11:59 AM

<b>Compound</b>	<b>%Recovery</b>	<b>Method Limits</b>
Vinyl Chloride	94	70-130
cis-1,2-Dichloroethene	118	70-130
Trichloroethene	99	70-130
trans-1,2-Dichloroethene	122	70-130

**Container Type: NA - Not Applicable**

<b>Surrogates</b>	<b>%Recovery</b>	<b>Method Limits</b>
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	109	70-130
4-Bromofluorobenzene	95	70-130

10/11/2022

Amir Roghani

Arcadis U.S., Inc.

2464 Fortune Drive #170

Lexington KY 40509

Project Name: 3M Wausau

Project #:

Workorder #: 2209824

Dear Amir Roghani

The following report includes the data for the above referenced project for sample(s) received on 9/28/2022 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: Brian Whittaker at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Brian Whittaker

Project Manager

**WORK ORDER #: 2209824**

Work Order Summary

<b>CLIENT:</b>	Amir Roghani Arcadis U.S., Inc. 2464 Fortune Drive #170 Lexington, KY 40509	<b>BILL TO:</b>	Accounts Payable Arcadis U.S., Inc. 630 Plaza Drive Suite 600 Highlands Ranch, CO 80129
<b>PHONE:</b>	859-253-9036	<b>P.O. #</b>	30130403
<b>FAX:</b>	(859) 253-9136	<b>PROJECT #</b>	3M Wausau
<b>DATE RECEIVED:</b>	09/28/2022	<b>CONTACT:</b>	Brian Whittaker
<b>DATE COMPLETED:</b>	10/11/2022		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	VP-SB1(20220927)	TO-15	4.5 "Hg	10 psi
02A	VP-SB2(20220927)	TO-15	3.5 "Hg	10 psi
03A	VP-TB(20220927)	TO-15	5.5 "Hg	10 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:   
 \_\_\_\_\_  
 Technical Director

DATE: 10/11/22

Certification numbers: AZ Licensure AZ0775, FL NELAP – E87680, LA NELAP – 02089, NH NELAP - 209221, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-21-17, UT NELAP – CA009332021-13, VA NELAP - 10615, WA NELAP - C935

Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)  
 Accreditation number: CA300005-015, Effective date: 10/18/2021, Expiration date: 10/17/2022.

Eurofins Air Toxics, LLC certifies that the test results contained in this report meet all requirements of the NELAC standards

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**LABORATORY NARRATIVE**  
**EPA Method TO-15**  
**Arcadis U.S., Inc.**  
**Workorder# 2209824**

Three 1 Liter Summa Canister samples were received on September 28, 2022. 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

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

**Client Sample ID: VP-SB1(20220927)**

**Lab ID#: 2209824-01A**

No Detections Were Found.

**Client Sample ID: VP-SB2(20220927)**

**Lab ID#: 2209824-02A**

No Detections Were Found.

**Client Sample ID: VP-TB(20220927)**

**Lab ID#: 2209824-03A**

No Detections Were Found.

Client Sample ID: VP-SB1(20220927)

Lab ID#: 2209824-01A

EPA METHOD TO-15 GC/MS

File Name:	p100521	Date of Collection:	9/27/22 10:59:00 AM
Dil. Factor:	1.98	Date of Analysis:	10/5/22 11:39 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.99	Not Detected	2.5	Not Detected
cis-1,2-Dichloroethene	0.99	Not Detected	3.9	Not Detected
Trichloroethene	0.99	Not Detected	5.3	Not Detected
trans-1,2-Dichloroethene	0.99	Not Detected	3.9	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	82	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	118	70-130

Client Sample ID: VP-SB2(20220927)

Lab ID#: 2209824-02A

EPA METHOD TO-15 GC/MS

File Name:	p100522	Date of Collection:	9/27/22 11:17:00 AM
Dil. Factor:	1.90	Date of Analysis:	10/6/22 12:09 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.95	Not Detected	2.4	Not Detected
cis-1,2-Dichloroethene	0.95	Not Detected	3.8	Not Detected
Trichloroethene	0.95	Not Detected	5.1	Not Detected
trans-1,2-Dichloroethene	0.95	Not Detected	3.8	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	94	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	128	70-130

Client Sample ID: VP-TB(20220927)

Lab ID#: 2209824-03A

EPA METHOD TO-15 GC/MS

File Name:	p100523	Date of Collection:	9/27/22 10:07:00 AM
Dil. Factor:	2.06	Date of Analysis:	10/6/22 12:39 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	1.0	Not Detected	2.6	Not Detected
cis-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected
Trichloroethene	1.0	Not Detected	5.5	Not Detected
trans-1,2-Dichloroethene	1.0	Not Detected	4.1	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	119	70-130

Client Sample ID: Lab Blank

Lab ID#: 2209824-04A

EPA METHOD TO-15 GC/MS

File Name:	p100508e	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	10/5/22 02:51 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
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	86	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	112	70-130

Client Sample ID: CCV

Lab ID#: 2209824-05A

EPA METHOD TO-15 GC/MS

File Name:	p100506	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 10/5/22 01:08 PM

Compound	%Recovery
Vinyl Chloride	78
cis-1,2-Dichloroethene	95
Trichloroethene	100
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	117	70-130

Client Sample ID: LCS

Lab ID#: 2209824-06A

EPA METHOD TO-15 GC/MS

File Name:	p100503	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 10/5/22 11:30 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	90	70-130
cis-1,2-Dichloroethene	102	70-130
Trichloroethene	105	70-130
trans-1,2-Dichloroethene	96	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	90	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	121	70-130



Client Sample ID: LCSD

Lab ID#: 2209824-06AA

EPA METHOD TO-15 GC/MS

File Name:	p100504	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 10/5/22 11:58 AM

Compound	%Recovery	Method Limits
Vinyl Chloride	85	70-130
cis-1,2-Dichloroethene	100	70-130
Trichloroethene	107	70-130
trans-1,2-Dichloroethene	97	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	92	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	119	70-130