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**Air Toxics**

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180 BLUE RAVINE ROAD, SUITE B  
 FOLSOM, CA 95630-4719  
 (916) 985-1000 FAX (916) 985-1020

Project Manager Michael Paris

Collected by: (Print and Sign) Ledric Cangan

Company MO DVR Email michael.paris@dmr.mo.gov

Address PO Box 176 City Jefferson City State MO Zip 65102

Phone (573) 526-2918 Fax \_\_\_\_\_

<b>Project Info:</b>		<b>Turn Around Time:</b>		<b>Lab Use Only</b>	
P.O. # _____	Project # _____	<input checked="" type="checkbox"/> Normal	Date: _____	Pressurized by: _____	Pressurization Gas: _____
Project Name <u>Bridgeton LF</u>		<input type="checkbox"/> Rush	specify _____	N <sub>2</sub>	He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum																					
						Initial	Final	Receipt Final (psf)																			
	D1 (135075)	5745	1/23/14	1512	2040	TO-15	-30	-5																			
	D2 (135076)	5767	1/23/14	1525	2101	TO-15	-30	-45																			
	V1 (135077)	15286	1/23/14	1538	2051	TO-15	-30	-45																			
	V2 (135078)	25305	1/23/14	1549	2035	TO-15	-29	-5																			
<table border="1"> <tr> <td>Relinquished by: (signature)</td> <td>Date/Time</td> <td>Received by: (signature)</td> <td>Date/Time</td> <td rowspan="3"> <b>Notes:</b>                  Shipped via UPS                  Tracking #: 1Z60727880345353675             </td> </tr> <tr> <td><u>[Signature]</u></td> <td>1/29/14 1450</td> <td><u>[Signature]</u></td> <td>1/24/14 1450</td> </tr> <tr> <td>Relinquished by: (signature)</td> <td>Date/Time</td> <td>Received by: (signature)</td> <td>Date/Time</td> </tr> <tr> <td>Relinquished by: (signature)</td> <td>Date/Time</td> <td>Received by: (signature)</td> <td>Date/Time</td> <td></td> </tr> </table>										Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	<b>Notes:</b> Shipped via UPS Tracking #: 1Z60727880345353675	<u>[Signature]</u>	1/29/14 1450	<u>[Signature]</u>	1/24/14 1450	Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time	
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Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time																								

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
					Yes No None	

2/12/2014

Mr. Dennis Schroeder  
Missouri Dept. of Natural Resources  
2710 West Main

Jefferson City MO 65109

Project Name: Bridgeton LF

Project #:

Workorder #: 1401470

Dear Mr. Dennis Schroeder

The following report includes the data for the above referenced project for sample(s) received on 1/31/2014 at Air Toxics Ltd.

The data and associated QC analyzed by Modified 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 Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner  
Project Manager

**WORK ORDER #: 1401470**

Work Order Summary

<b>CLIENT:</b>	Mr. Dennis Schroeder Missouri Dept. of Natural Resources 2710 West Main Jefferson City, MO 65109	<b>BILL TO:</b>	Accounts Payable Missouri Dept. of Natural Resources P.O Box 176 Jefferson City, MO 65102
<b>PHONE:</b>	573-526-4428	<b>P.O. #</b>	3ESP1301039
<b>FAX:</b>	573-526-3350	<b>PROJECT #</b>	Bridgeton LF
<b>DATE RECEIVED:</b>	01/31/2014	<b>CONTACT:</b>	Kelly Buettner
<b>DATE COMPLETED:</b>	02/10/2014		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	D1 (135075)	Modified TO-15	0.0 "Hg	5 psi
02A	D2 (135076)	Modified TO-15	0.0 "Hg	5 psi
03A	U1 (135077)	Modified TO-15	0.5 "Hg	5 psi
04A	U2 (135078)	Modified TO-15	0.5 "Hg	5 psi
05A	Lab Blank	Modified TO-15	NA	NA
06A	CCV	Modified TO-15	NA	NA
07A	LCS	Modified TO-15	NA	NA
07AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY:   
 Technical Director

DATE: 02/12/14

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-13-6, UT NELAP CA009332013-4, VA NELAP - 460197, WA NELAP - C935  
 Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)  
 Accreditation number: CA300005, Effective date: 10/18/2013, Expiration date: 10/17/2014.

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

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563  
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**LABORATORY NARRATIVE**  
**Modified TO-15**  
**Missouri Dept. of Natural Resources**  
**Workorder# 1401470**

Four 6 Liter Summa Canister (100% Certified) samples were received on January 31, 2014. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

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

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
Initial Calibration	</=30% RSD with 2 compounds allowed out to < 40% RSD	</=30% RSD with 4 compounds allowed out to < 40% RSD
Blank and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air

**Receiving Notes**

Despite the use of flow controllers for sample collection, the final canister vacuums for samples D1 (135075) and D2 (135076) were measured at ambient pressure. These ambient pressure readings were confirmed by the laboratory upon sample receipt.

**Analytical Notes**

There were no analytical discrepancies.

**Definition of Data Qualifying Flags**

Eight 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.

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 FULL SCAN**

**Client Sample ID: D1 (135075)**

**Lab ID#: 1401470-01A**

<b>Compound</b>	<b>Rpt. Limit (ppbv)</b>	<b>Amount (ppbv)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Freon 12	0.13	0.50	0.66	2.5
Freon 11	0.13	0.21	0.75	1.2
Ethanol	0.67	1.1	1.3	2.1
Acetone	0.67	2.2	1.6	5.2
Benzene	0.13	0.18	0.43	0.59
Toluene	0.13	0.26	0.50	0.97
m,p-Xylene	0.13	0.16	0.58	0.69

**Client Sample ID: D2 (135076)**

**Lab ID#: 1401470-02A**

<b>Compound</b>	<b>Rpt. Limit (ppbv)</b>	<b>Amount (ppbv)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Freon 12	0.13	0.49	0.66	2.4
Freon 11	0.13	0.19	0.75	1.0
Ethanol	0.67	1.3	1.3	2.4
Acetone	0.67	1.5	1.6	3.6
Benzene	0.13	0.16	0.43	0.52
Toluene	0.13	0.16	0.50	0.62

**Client Sample ID: U1 (135077)**

**Lab ID#: 1401470-03A**

<b>Compound</b>	<b>Rpt. Limit (ppbv)</b>	<b>Amount (ppbv)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Freon 12	0.14	0.45	0.67	2.2
Freon 11	0.14	0.17	0.76	0.96
Acetone	0.68	0.78	1.6	1.8
Benzene	0.14	0.14	0.43	0.44

**Client Sample ID: U2 (135078)**

**Lab ID#: 1401470-04A**

<b>Compound</b>	<b>Rpt. Limit (ppbv)</b>	<b>Amount (ppbv)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
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**Summary of Detected Compounds**  
**MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

**Client Sample ID: U2 (135078)**

**Lab ID#: 1401470-04A**

<b>Compound</b>	<b>Rpt. Limit (ppbv)</b>	<b>Amount (ppbv)</b>	<b>Rpt. Limit (ug/m3)</b>	<b>Amount (ug/m3)</b>
Freon 12	0.14	0.49	0.67	2.4
Freon 11	0.14	0.20	0.76	1.1
Ethanol	0.68	4.0	1.3	7.6
Acetone	0.68	1.6	1.6	3.8
2-Propanol	0.68	0.74	1.7	1.8
Methylene Chloride	0.27	0.27	0.94	0.95
Hexane	0.14	0.64	0.48	2.2
Cyclohexane	0.14	0.74	0.47	2.5
Benzene	0.14	0.42	0.43	1.3
Heptane	0.14	0.26	0.56	1.1
Toluene	0.14	1.8	0.51	6.8
Ethyl Benzene	0.14	0.17	0.59	0.75
m,p-Xylene	0.14	0.61	0.59	2.6
o-Xylene	0.14	0.20	0.59	0.85
4-Ethyltoluene	0.14	0.14	0.67	0.71
1,2,4-Trimethylbenzene	0.14	0.15	0.67	0.76



Air Toxics

Client Sample ID: D1 (135075)

Lab ID#: 1401470-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v020415	Date of Collection:	1/23/14 8:40:00 PM
Dil. Factor:	1.34	Date of Analysis:	2/4/14 07:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.13	0.50	0.66	2.5
Freon 114	0.13	Not Detected	0.94	Not Detected
Chloromethane	0.67	Not Detected	1.4	Not Detected
Vinyl Chloride	0.13	Not Detected	0.34	Not Detected
1,3-Butadiene	0.13	Not Detected	0.30	Not Detected
Bromomethane	0.67	Not Detected	2.6	Not Detected
Chloroethane	0.67	Not Detected	1.8	Not Detected
Freon 11	0.13	0.21	0.75	1.2
Ethanol	0.67	1.1	1.3	2.1
Freon 113	0.13	Not Detected	1.0	Not Detected
1,1-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Acetone	0.67	2.2	1.6	5.2
2-Propanol	0.67	Not Detected	1.6	Not Detected
Carbon Disulfide	0.67	Not Detected	2.1	Not Detected
3-Chloropropene	0.67	Not Detected	2.1	Not Detected
Methylene Chloride	0.27	Not Detected	0.93	Not Detected
Methyl tert-butyl ether	0.13	Not Detected	0.48	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Hexane	0.13	Not Detected	0.47	Not Detected
1,1-Dichloroethane	0.13	Not Detected	0.54	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.67	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Tetrahydrofuran	0.67	Not Detected	2.0	Not Detected
Chloroform	0.13	Not Detected	0.65	Not Detected
1,1,1-Trichloroethane	0.13	Not Detected	0.73	Not Detected
Cyclohexane	0.13	Not Detected	0.46	Not Detected
Carbon Tetrachloride	0.13	Not Detected	0.84	Not Detected
2,2,4-Trimethylpentane	0.67	Not Detected	3.1	Not Detected
Benzene	0.13	0.18	0.43	0.59
1,2-Dichloroethane	0.13	Not Detected	0.54	Not Detected
Heptane	0.13	Not Detected	0.55	Not Detected
Trichloroethene	0.13	Not Detected	0.72	Not Detected
1,2-Dichloropropane	0.13	Not Detected	0.62	Not Detected
1,4-Dioxane	0.13	Not Detected	0.48	Not Detected
Bromodichloromethane	0.13	Not Detected	0.90	Not Detected
cis-1,3-Dichloropropene	0.13	Not Detected	0.61	Not Detected
4-Methyl-2-pentanone	0.13	Not Detected	0.55	Not Detected
Toluene	0.13	0.26	0.50	0.97
trans-1,3-Dichloropropene	0.13	Not Detected	0.61	Not Detected
1,1,2-Trichloroethane	0.13	Not Detected	0.73	Not Detected
Tetrachloroethene	0.13	Not Detected	0.91	Not Detected
2-Hexanone	0.67	Not Detected	2.7	Not Detected



Client Sample ID: D1 (135075)

Lab ID#: 1401470-01A

**MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

<b>File Name:</b>	<b>v020415</b>	<b>Date of Collection:</b> 1/23/14 8:40:00 PM
<b>Dil. Factor:</b>	<b>1.34</b>	<b>Date of Analysis:</b> 2/4/14 07:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.13	Not Detected	1.1	Not Detected
1,2-Dibromoethane (EDB)	0.13	Not Detected	1.0	Not Detected
Chlorobenzene	0.13	Not Detected	0.62	Not Detected
Ethyl Benzene	0.13	Not Detected	0.58	Not Detected
m,p-Xylene	0.13	0.16	0.58	0.69
o-Xylene	0.13	Not Detected	0.58	Not Detected
Styrene	0.13	Not Detected	0.57	Not Detected
Bromoform	0.13	Not Detected	1.4	Not Detected
Cumene	0.13	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.13	Not Detected	0.92	Not Detected
Propylbenzene	0.13	Not Detected	0.66	Not Detected
4-Ethyltoluene	0.13	Not Detected	0.66	Not Detected
1,3,5-Trimethylbenzene	0.13	Not Detected	0.66	Not Detected
1,2,4-Trimethylbenzene	0.13	Not Detected	0.66	Not Detected
1,3-Dichlorobenzene	0.13	Not Detected	0.80	Not Detected
1,4-Dichlorobenzene	0.13	Not Detected	0.80	Not Detected
alpha-Chlorotoluene	0.13	Not Detected	0.69	Not Detected
1,2-Dichlorobenzene	0.13	Not Detected	0.80	Not Detected
1,2,4-Trichlorobenzene	0.67	Not Detected	5.0	Not Detected
Hexachlorobutadiene	0.67	Not Detected	7.1	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: D2 (135076)

Lab ID#: 1401470-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v020416	Date of Collection:	1/23/14 9:01:00 PM
Dil. Factor:	1.34	Date of Analysis:	2/4/14 08:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.13	0.49	0.66	2.4
Freon 114	0.13	Not Detected	0.94	Not Detected
Chloromethane	0.67	Not Detected	1.4	Not Detected
Vinyl Chloride	0.13	Not Detected	0.34	Not Detected
1,3-Butadiene	0.13	Not Detected	0.30	Not Detected
Bromomethane	0.67	Not Detected	2.6	Not Detected
Chloroethane	0.67	Not Detected	1.8	Not Detected
Freon 11	0.13	0.19	0.75	1.0
Ethanol	0.67	1.3	1.3	2.4
Freon 113	0.13	Not Detected	1.0	Not Detected
1,1-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Acetone	0.67	1.5	1.6	3.6
2-Propanol	0.67	Not Detected	1.6	Not Detected
Carbon Disulfide	0.67	Not Detected	2.1	Not Detected
3-Chloropropene	0.67	Not Detected	2.1	Not Detected
Methylene Chloride	0.27	Not Detected	0.93	Not Detected
Methyl tert-butyl ether	0.13	Not Detected	0.48	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Hexane	0.13	Not Detected	0.47	Not Detected
1,1-Dichloroethane	0.13	Not Detected	0.54	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.67	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Tetrahydrofuran	0.67	Not Detected	2.0	Not Detected
Chloroform	0.13	Not Detected	0.65	Not Detected
1,1,1-Trichloroethane	0.13	Not Detected	0.73	Not Detected
Cyclohexane	0.13	Not Detected	0.46	Not Detected
Carbon Tetrachloride	0.13	Not Detected	0.84	Not Detected
2,2,4-Trimethylpentane	0.67	Not Detected	3.1	Not Detected
Benzene	0.13	0.16	0.43	0.52
1,2-Dichloroethane	0.13	Not Detected	0.54	Not Detected
Heptane	0.13	Not Detected	0.55	Not Detected
Trichloroethene	0.13	Not Detected	0.72	Not Detected
1,2-Dichloropropane	0.13	Not Detected	0.62	Not Detected
1,4-Dioxane	0.13	Not Detected	0.48	Not Detected
Bromodichloromethane	0.13	Not Detected	0.90	Not Detected
cis-1,3-Dichloropropene	0.13	Not Detected	0.61	Not Detected
4-Methyl-2-pentanone	0.13	Not Detected	0.55	Not Detected
Toluene	0.13	0.16	0.50	0.62
trans-1,3-Dichloropropene	0.13	Not Detected	0.61	Not Detected
1,1,2-Trichloroethane	0.13	Not Detected	0.73	Not Detected
Tetrachloroethene	0.13	Not Detected	0.91	Not Detected
2-Hexanone	0.67	Not Detected	2.7	Not Detected

Client Sample ID: D2 (135076)

Lab ID#: 1401470-02A

**MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

<b>File Name:</b>	<b>v020416</b>	<b>Date of Collection:</b> 1/23/14 9:01:00 PM
<b>Dil. Factor:</b>	<b>1.34</b>	<b>Date of Analysis:</b> 2/4/14 08:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.13	Not Detected	1.1	Not Detected
1,2-Dibromoethane (EDB)	0.13	Not Detected	1.0	Not Detected
Chlorobenzene	0.13	Not Detected	0.62	Not Detected
Ethyl Benzene	0.13	Not Detected	0.58	Not Detected
m,p-Xylene	0.13	Not Detected	0.58	Not Detected
o-Xylene	0.13	Not Detected	0.58	Not Detected
Styrene	0.13	Not Detected	0.57	Not Detected
Bromoform	0.13	Not Detected	1.4	Not Detected
Cumene	0.13	Not Detected	0.66	Not Detected
1,1,2,2-Tetrachloroethane	0.13	Not Detected	0.92	Not Detected
Propylbenzene	0.13	Not Detected	0.66	Not Detected
4-Ethyltoluene	0.13	Not Detected	0.66	Not Detected
1,3,5-Trimethylbenzene	0.13	Not Detected	0.66	Not Detected
1,2,4-Trimethylbenzene	0.13	Not Detected	0.66	Not Detected
1,3-Dichlorobenzene	0.13	Not Detected	0.80	Not Detected
1,4-Dichlorobenzene	0.13	Not Detected	0.80	Not Detected
alpha-Chlorotoluene	0.13	Not Detected	0.69	Not Detected
1,2-Dichlorobenzene	0.13	Not Detected	0.80	Not Detected
1,2,4-Trichlorobenzene	0.67	Not Detected	5.0	Not Detected
Hexachlorobutadiene	0.67	Not Detected	7.1	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: U1 (135077)

Lab ID#: 1401470-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v020417	Date of Collection:	1/23/14 8:51:00 PM
Dil. Factor:	1.36	Date of Analysis:	2/4/14 09:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.14	0.45	0.67	2.2
Freon 114	0.14	Not Detected	0.95	Not Detected
Chloromethane	0.68	Not Detected	1.4	Not Detected
Vinyl Chloride	0.14	Not Detected	0.35	Not Detected
1,3-Butadiene	0.14	Not Detected	0.30	Not Detected
Bromomethane	0.68	Not Detected	2.6	Not Detected
Chloroethane	0.68	Not Detected	1.8	Not Detected
Freon 11	0.14	0.17	0.76	0.96
Ethanol	0.68	Not Detected	1.3	Not Detected
Freon 113	0.14	Not Detected	1.0	Not Detected
1,1-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Acetone	0.68	0.78	1.6	1.8
2-Propanol	0.68	Not Detected	1.7	Not Detected
Carbon Disulfide	0.68	Not Detected	2.1	Not Detected
3-Chloropropene	0.68	Not Detected	2.1	Not Detected
Methylene Chloride	0.27	Not Detected	0.94	Not Detected
Methyl tert-butyl ether	0.14	Not Detected	0.49	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Hexane	0.14	Not Detected	0.48	Not Detected
1,1-Dichloroethane	0.14	Not Detected	0.55	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.68	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Tetrahydrofuran	0.68	Not Detected	2.0	Not Detected
Chloroform	0.14	Not Detected	0.66	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.74	Not Detected
Cyclohexane	0.14	Not Detected	0.47	Not Detected
Carbon Tetrachloride	0.14	Not Detected	0.86	Not Detected
2,2,4-Trimethylpentane	0.68	Not Detected	3.2	Not Detected
Benzene	0.14	0.14	0.43	0.44
1,2-Dichloroethane	0.14	Not Detected	0.55	Not Detected
Heptane	0.14	Not Detected	0.56	Not Detected
Trichloroethene	0.14	Not Detected	0.73	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.63	Not Detected
1,4-Dioxane	0.14	Not Detected	0.49	Not Detected
Bromodichloromethane	0.14	Not Detected	0.91	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.56	Not Detected
Toluene	0.14	Not Detected	0.51	Not Detected
trans-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.74	Not Detected
Tetrachloroethene	0.14	Not Detected	0.92	Not Detected
2-Hexanone	0.68	Not Detected	2.8	Not Detected

Client Sample ID: U1 (135077)

Lab ID#: 1401470-03A

**MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

<b>File Name:</b>	<b>v020417</b>	<b>Date of Collection:</b> 1/23/14 8:51:00 PM
<b>Dil. Factor:</b>	<b>1.36</b>	<b>Date of Analysis:</b> 2/4/14 09:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.0	Not Detected
Chlorobenzene	0.14	Not Detected	0.63	Not Detected
Ethyl Benzene	0.14	Not Detected	0.59	Not Detected
m,p-Xylene	0.14	Not Detected	0.59	Not Detected
o-Xylene	0.14	Not Detected	0.59	Not Detected
Styrene	0.14	Not Detected	0.58	Not Detected
Bromoform	0.14	Not Detected	1.4	Not Detected
Cumene	0.14	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.93	Not Detected
Propylbenzene	0.14	Not Detected	0.67	Not Detected
4-Ethyltoluene	0.14	Not Detected	0.67	Not Detected
1,3,5-Trimethylbenzene	0.14	Not Detected	0.67	Not Detected
1,2,4-Trimethylbenzene	0.14	Not Detected	0.67	Not Detected
1,3-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
1,4-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
alpha-Chlorotoluene	0.14	Not Detected	0.70	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
1,2,4-Trichlorobenzene	0.68	Not Detected	5.0	Not Detected
Hexachlorobutadiene	0.68	Not Detected	7.2	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: U2 (135078)

Lab ID#: 1401470-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v020418	Date of Collection:	1/23/14 8:35:00 PM
Dil. Factor:	1.36	Date of Analysis:	2/4/14 09:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.14	0.49	0.67	2.4
Freon 114	0.14	Not Detected	0.95	Not Detected
Chloromethane	0.68	Not Detected	1.4	Not Detected
Vinyl Chloride	0.14	Not Detected	0.35	Not Detected
1,3-Butadiene	0.14	Not Detected	0.30	Not Detected
Bromomethane	0.68	Not Detected	2.6	Not Detected
Chloroethane	0.68	Not Detected	1.8	Not Detected
Freon 11	0.14	0.20	0.76	1.1
Ethanol	0.68	4.0	1.3	7.6
Freon 113	0.14	Not Detected	1.0	Not Detected
1,1-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Acetone	0.68	1.6	1.6	3.8
2-Propanol	0.68	0.74	1.7	1.8
Carbon Disulfide	0.68	Not Detected	2.1	Not Detected
3-Chloropropene	0.68	Not Detected	2.1	Not Detected
Methylene Chloride	0.27	0.27	0.94	0.95
Methyl tert-butyl ether	0.14	Not Detected	0.49	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Hexane	0.14	0.64	0.48	2.2
1,1-Dichloroethane	0.14	Not Detected	0.55	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.68	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.14	Not Detected	0.54	Not Detected
Tetrahydrofuran	0.68	Not Detected	2.0	Not Detected
Chloroform	0.14	Not Detected	0.66	Not Detected
1,1,1-Trichloroethane	0.14	Not Detected	0.74	Not Detected
Cyclohexane	0.14	0.74	0.47	2.5
Carbon Tetrachloride	0.14	Not Detected	0.86	Not Detected
2,2,4-Trimethylpentane	0.68	Not Detected	3.2	Not Detected
Benzene	0.14	0.42	0.43	1.3
1,2-Dichloroethane	0.14	Not Detected	0.55	Not Detected
Heptane	0.14	0.26	0.56	1.1
Trichloroethene	0.14	Not Detected	0.73	Not Detected
1,2-Dichloropropane	0.14	Not Detected	0.63	Not Detected
1,4-Dioxane	0.14	Not Detected	0.49	Not Detected
Bromodichloromethane	0.14	Not Detected	0.91	Not Detected
cis-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
4-Methyl-2-pentanone	0.14	Not Detected	0.56	Not Detected
Toluene	0.14	1.8	0.51	6.8
trans-1,3-Dichloropropene	0.14	Not Detected	0.62	Not Detected
1,1,2-Trichloroethane	0.14	Not Detected	0.74	Not Detected
Tetrachloroethene	0.14	Not Detected	0.92	Not Detected
2-Hexanone	0.68	Not Detected	2.8	Not Detected

Client Sample ID: U2 (135078)

Lab ID#: 1401470-04A

**MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

<b>File Name:</b>	<b>v020418</b>	<b>Date of Collection:</b> 1/23/14 8:35:00 PM
<b>Dil. Factor:</b>	<b>1.36</b>	<b>Date of Analysis:</b> 2/4/14 09:47 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.14	Not Detected	1.2	Not Detected
1,2-Dibromoethane (EDB)	0.14	Not Detected	1.0	Not Detected
Chlorobenzene	0.14	Not Detected	0.63	Not Detected
Ethyl Benzene	0.14	0.17	0.59	0.75
m,p-Xylene	0.14	0.61	0.59	2.6
o-Xylene	0.14	0.20	0.59	0.85
Styrene	0.14	Not Detected	0.58	Not Detected
Bromoform	0.14	Not Detected	1.4	Not Detected
Cumene	0.14	Not Detected	0.67	Not Detected
1,1,2,2-Tetrachloroethane	0.14	Not Detected	0.93	Not Detected
Propylbenzene	0.14	Not Detected	0.67	Not Detected
4-Ethyltoluene	0.14	0.14	0.67	0.71
1,3,5-Trimethylbenzene	0.14	Not Detected	0.67	Not Detected
1,2,4-Trimethylbenzene	0.14	0.15	0.67	0.76
1,3-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
1,4-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
alpha-Chlorotoluene	0.14	Not Detected	0.70	Not Detected
1,2-Dichlorobenzene	0.14	Not Detected	0.82	Not Detected
1,2,4-Trichlorobenzene	0.68	Not Detected	5.0	Not Detected
Hexachlorobutadiene	0.68	Not Detected	7.2	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1401470-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v020406	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/4/14 11:48 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.10	Not Detected	0.49	Not Detected
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.50	Not Detected	1.0	Not Detected
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	Not Detected	0.22	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.10	Not Detected	0.56	Not Detected
Ethanol	0.50	Not Detected	0.94	Not Detected
Freon 113	0.10	Not Detected	0.77	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	Not Detected	1.2	Not Detected
2-Propanol	0.50	Not Detected	1.2	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	Not Detected	0.69	Not Detected
Methyl tert-butyl ether	0.10	Not Detected	0.36	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Hexane	0.10	Not Detected	0.35	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	Not Detected	0.63	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.10	Not Detected	0.32	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	Not Detected	0.41	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
1,2-Dichloropropane	0.10	Not Detected	0.46	Not Detected
1,4-Dioxane	0.10	Not Detected	0.36	Not Detected
Bromodichloromethane	0.10	Not Detected	0.67	Not Detected
cis-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
4-Methyl-2-pentanone	0.10	Not Detected	0.41	Not Detected
Toluene	0.10	Not Detected	0.38	Not Detected
trans-1,3-Dichloropropene	0.10	Not Detected	0.45	Not Detected
1,1,2-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected
2-Hexanone	0.50	Not Detected	2.0	Not Detected



Client Sample ID: Lab Blank

Lab ID#: 1401470-05A

**MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

<b>File Name:</b>	<b>v020406</b>	<b>Date of Collection:</b> NA
<b>Dil. Factor:</b>	<b>1.00</b>	<b>Date of Analysis:</b> 2/4/14 11:48 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.10	Not Detected	0.85	Not Detected
1,2-Dibromoethane (EDB)	0.10	Not Detected	0.77	Not Detected
Chlorobenzene	0.10	Not Detected	0.46	Not Detected
Ethyl Benzene	0.10	Not Detected	0.43	Not Detected
m,p-Xylene	0.10	Not Detected	0.43	Not Detected
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	Not Detected	1.0	Not Detected
Cumene	0.10	Not Detected	0.49	Not Detected
1,1,2,2-Tetrachloroethane	0.10	Not Detected	0.69	Not Detected
Propylbenzene	0.10	Not Detected	0.49	Not Detected
4-Ethyltoluene	0.10	Not Detected	0.49	Not Detected
1,3,5-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,2,4-Trimethylbenzene	0.10	Not Detected	0.49	Not Detected
1,3-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,4-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	Not Detected	0.60	Not Detected
1,2,4-Trichlorobenzene	0.50	Not Detected	3.7	Not Detected
Hexachlorobutadiene	0.50	Not Detected	5.3	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1401470-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v020402	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/4/14 08:37 AM

Compound	%Recovery
Freon 12	103
Freon 114	104
Chloromethane	91
Vinyl Chloride	100
1,3-Butadiene	96
Bromomethane	112
Chloroethane	97
Freon 11	92
Ethanol	92
Freon 113	93
1,1-Dichloroethene	92
Acetone	92
2-Propanol	93
Carbon Disulfide	96
3-Chloropropene	91
Methylene Chloride	96
Methyl tert-butyl ether	94
trans-1,2-Dichloroethene	92
Hexane	89
1,1-Dichloroethane	91
2-Butanone (Methyl Ethyl Ketone)	99
cis-1,2-Dichloroethene	91
Tetrahydrofuran	94
Chloroform	93
1,1,1-Trichloroethane	92
Cyclohexane	91
Carbon Tetrachloride	87
2,2,4-Trimethylpentane	90
Benzene	95
1,2-Dichloroethane	93
Heptane	91
Trichloroethene	94
1,2-Dichloropropane	93
1,4-Dioxane	96
Bromodichloromethane	93
cis-1,3-Dichloropropene	95
4-Methyl-2-pentanone	100
Toluene	93
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	94
Tetrachloroethene	91
2-Hexanone	100

Client Sample ID: CCV

Lab ID#: 1401470-06A

**MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

File Name:	v020402	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/4/14 08:37 AM

Compound	%Recovery
Dibromochloromethane	91
1,2-Dibromoethane (EDB)	93
Chlorobenzene	89
Ethyl Benzene	94
m,p-Xylene	95
o-Xylene	93
Styrene	88
Bromoform	97
Cumene	96
1,1,2,2-Tetrachloroethane	94
Propylbenzene	94
4-Ethyltoluene	95
1,3,5-Trimethylbenzene	91
1,2,4-Trimethylbenzene	89
1,3-Dichlorobenzene	88
1,4-Dichlorobenzene	86
alpha-Chlorotoluene	97
1,2-Dichlorobenzene	90
1,2,4-Trichlorobenzene	86
Hexachlorobutadiene	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1401470-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v020403	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/4/14 09:25 AM

Compound	%Recovery	Method Limits
Freon 12	108	70-130
Freon 114	107	70-130
Chloromethane	92	70-130
Vinyl Chloride	105	70-130
1,3-Butadiene	98	70-130
Bromomethane	117	70-130
Chloroethane	104	70-130
Freon 11	98	70-130
Ethanol	98	70-130
Freon 113	109	70-130
1,1-Dichloroethene	110	70-130
Acetone	97	70-130
2-Propanol	98	70-130
Carbon Disulfide	92	70-130
3-Chloropropene	100	70-130
Methylene Chloride	109	70-130
Methyl tert-butyl ether	98	70-130
trans-1,2-Dichloroethene	85	70-130
Hexane	93	70-130
1,1-Dichloroethane	98	70-130
2-Butanone (Methyl Ethyl Ketone)	101	70-130
cis-1,2-Dichloroethene	108	70-130
Tetrahydrofuran	98	70-130
Chloroform	98	70-130
1,1,1-Trichloroethane	96	70-130
Cyclohexane	96	70-130
Carbon Tetrachloride	98	70-130
2,2,4-Trimethylpentane	95	70-130
Benzene	97	70-130
1,2-Dichloroethane	94	70-130
Heptane	93	70-130
Trichloroethene	94	70-130
1,2-Dichloropropane	95	70-130
1,4-Dioxane	98	70-130
Bromodichloromethane	98	70-130
cis-1,3-Dichloropropene	99	70-130
4-Methyl-2-pentanone	99	70-130
Toluene	93	70-130
trans-1,3-Dichloropropene	96	70-130
1,1,2-Trichloroethane	98	70-130
Tetrachloroethene	94	70-130
2-Hexanone	102	70-130

Client Sample ID: LCS

Lab ID#: 1401470-07A

**MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

<b>File Name:</b>	<b>v020403</b>	<b>Date of Collection:</b> NA
<b>Dil. Factor:</b>	<b>1.00</b>	<b>Date of Analysis:</b> 2/4/14 09:25 AM

<b>Compound</b>	<b>%Recovery</b>	<b>Method Limits</b>
Dibromochloromethane	99	70-130
1,2-Dibromoethane (EDB)	96	70-130
Chlorobenzene	93	70-130
Ethyl Benzene	95	70-130
m,p-Xylene	98	70-130
o-Xylene	95	70-130
Styrene	92	70-130
Bromoform	106	70-130
Cumene	102	70-130
1,1,2,2-Tetrachloroethane	95	70-130
Propylbenzene	99	70-130
4-Ethyltoluene	97	70-130
1,3,5-Trimethylbenzene	92	70-130
1,2,4-Trimethylbenzene	92	70-130
1,3-Dichlorobenzene	90	70-130
1,4-Dichlorobenzene	90	70-130
alpha-Chlorotoluene	108	70-130
1,2-Dichlorobenzene	93	70-130
1,2,4-Trichlorobenzene	86	70-130
Hexachlorobutadiene	88	70-130

**Container Type: NA - Not Applicable**

<b>Surrogates</b>	<b>%Recovery</b>	<b>Method Limits</b>
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS D

Lab ID#: 1401470-07AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v020404	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/4/14 10:09 AM

Compound	%Recovery	Method Limits
Freon 12	106	70-130
Freon 114	106	70-130
Chloromethane	93	70-130
Vinyl Chloride	103	70-130
1,3-Butadiene	98	70-130
Bromomethane	117	70-130
Chloroethane	104	70-130
Freon 11	99	70-130
Ethanol	94	70-130
Freon 113	109	70-130
1,1-Dichloroethene	110	70-130
Acetone	99	70-130
2-Propanol	97	70-130
Carbon Disulfide	93	70-130
3-Chloropropene	100	70-130
Methylene Chloride	110	70-130
Methyl tert-butyl ether	98	70-130
trans-1,2-Dichloroethene	85	70-130
Hexane	94	70-130
1,1-Dichloroethane	98	70-130
2-Butanone (Methyl Ethyl Ketone)	103	70-130
cis-1,2-Dichloroethene	111	70-130
Tetrahydrofuran	99	70-130
Chloroform	98	70-130
1,1,1-Trichloroethane	95	70-130
Cyclohexane	98	70-130
Carbon Tetrachloride	98	70-130
2,2,4-Trimethylpentane	96	70-130
Benzene	97	70-130
1,2-Dichloroethane	95	70-130
Heptane	93	70-130
Trichloroethene	94	70-130
1,2-Dichloropropane	92	70-130
1,4-Dioxane	100	70-130
Bromodichloromethane	98	70-130
cis-1,3-Dichloropropene	101	70-130
4-Methyl-2-pentanone	98	70-130
Toluene	93	70-130
trans-1,3-Dichloropropene	95	70-130
1,1,2-Trichloroethane	94	70-130
Tetrachloroethene	93	70-130
2-Hexanone	104	70-130

Client Sample ID: LCSD

Lab ID#: 1401470-07AA

**MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

<b>File Name:</b>	<b>v020404</b>	<b>Date of Collection:</b> NA
<b>Dil. Factor:</b>	<b>1.00</b>	<b>Date of Analysis:</b> 2/4/14 10:09 AM

<b>Compound</b>	<b>%Recovery</b>	<b>Method Limits</b>
Dibromochloromethane	99	70-130
1,2-Dibromoethane (EDB)	95	70-130
Chlorobenzene	90	70-130
Ethyl Benzene	93	70-130
m,p-Xylene	97	70-130
o-Xylene	94	70-130
Styrene	92	70-130
Bromoform	108	70-130
Cumene	101	70-130
1,1,2,2-Tetrachloroethane	92	70-130
Propylbenzene	95	70-130
4-Ethyltoluene	93	70-130
1,3,5-Trimethylbenzene	86	70-130
1,2,4-Trimethylbenzene	87	70-130
1,3-Dichlorobenzene	88	70-130
1,4-Dichlorobenzene	86	70-130
alpha-Chlorotoluene	106	70-130
1,2-Dichlorobenzene	86	70-130
1,2,4-Trichlorobenzene	80	70-130
Hexachlorobutadiene	85	70-130

**Container Type: NA - Not Applicable**

<b>Surrogates</b>	<b>%Recovery</b>	<b>Method Limits</b>
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	108	70-130