



CHAIN-OF-CUSTODY RECORD

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 FOLSOM, CA 95630-4719
 (916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager: DAN NORRIS
 Collected by: (Print and Sign) Chris Hemsworth
 Company: Missouri DNR Email: _____
 Address: PO Box 176 City: Jefferson State: MO zip: 65102
 Phone: 573-526-3915 Fax: _____

Project Info:
 PO # 3ESP1301039
 Project # _____
 Project Name: Bridgeton Level 4/1

Turn Around Time: Normal Rush
 Lab Use Only
 Pressurized by: _____ Date: _____
 Pressurization Gas: _____
 N₂ 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 (psi)
01A	D1 33921 9/3/13	33921	9/3/13	113105T	TO-15	-30	-10			
02A	D2 421 9/3/13	421	9/3/13	115505T	TO-15	-30	-10			
83A	U1 34742 9/3/13	34742	9/3/13	122005T	TO-15	-30	-5.75			
04A	U2 1562 9/3/13	1562	9/3/13	123505T	TO-15	-30	-6.5			

Relinquished by: (signature) Chris Hemsworth Date/Time 9/5/13 9AM
 Received by: (signature) UPS Trucking Date/Time 12:672 7880343238142
 Relinquished by: (signature) _____ Date/Time _____
 Received by: (signature) WHA Date/Time 9/10/13 1050
 Relinquished by: (signature) _____ Date/Time _____
 Received by: (signature) _____ Date/Time _____

Notes: _____

Shipper Name: UPS Air Bill #: _____ Temp (C): 48 Condition: Good Custody Seals Intact? Yes No None Work Order #: 1309133

Method : Modified TO-15-LL

CAS Number	Compound	Rpt. Limit (ppbv)
75-71-8	Freon 12	0.10
76-14-2	Freon 114	0.10
74-87-3	Chloromethane	0.50
75-01-4	Vinyl Chloride	0.10
106-99-0	1,3-Butadiene	0.10
74-83-9	Bromomethane	0.50
75-00-3	Chloroethane	0.50
75-69-4	Freon 11	0.10
64-17-5	Ethanol	0.50
76-13-1	Freon 113	0.10
75-35-4	1,1-Dichloroethene	0.10
67-64-1	Acetone	0.50
67-63-0	2-Propanol	0.50
75-15-0	Carbon Disulfide	0.50
107-05-1	3-Chloropropene	0.50
75-09-2	Methylene Chloride	0.20
1634-04-4	Methyl tert-butyl ether	0.10
156-60-5	trans-1,2-Dichloroethene	0.10
110-54-3	Hexane	0.10
75-34-3	1,1-Dichloroethane	0.10
78-93-3	2-Butanone (Methyl Ethyl Ketone)	0.50
156-59-2	cis-1,2-Dichloroethene	0.10
109-99-9	Tetrahydrofuran	0.50
67-66-3	Chloroform	0.10
71-55-6	1,1,1-Trichloroethane	0.10
110-82-7	Cyclohexane	0.10
56-23-5	Carbon Tetrachloride	0.10
540-84-1	2,2,4-Trimethylpentane	0.50
71-43-2	Benzene	0.10
107-06-2	1,2-Dichloroethane	0.10
142-82-5	Heptane	0.10
79-01-6	Trichloroethene	0.10
78-87-5	1,2-Dichloropropane	0.10
123-91-1	1,4-Dioxane	0.10
75-27-4	Bromodichloromethane	0.10
10061-01-5	cis-1,3-Dichloropropene	0.10
108-10-1	4-Methyl-2-pentanone	0.10
108-88-3	Toluene	0.10
10061-02-6	trans-1,3-Dichloropropene	0.10
79-00-5	1,1,2-Trichloroethane	0.10

Method : Modified TO-15-LL

CAS Number	Compound	Rpt. Limit (ppbv)
127-18-4	Tetrachloroethene	0.10
591-78-6	2-Hexanone	0.50
124-48-1	Dibromochloromethane	0.10
106-93-4	1,2-Dibromoethane (EDB)	0.10
108-90-7	Chlorobenzene	0.10
100-41-4	Ethyl Benzene	0.10
108-38-3	m,p-Xylene	0.10
95-47-6	o-Xylene	0.10
100-42-5	Styrene	0.10
75-25-2	Bromoform	0.10
98-82-8	Cumene	0.10
79-34-5	1,1,2,2-Tetrachloroethane	0.10
103-65-1	Propylbenzene	0.10
622-96-8	4-Ethyltoluene	0.10
108-67-8	1,3,5-Trimethylbenzene	0.10
95-63-6	1,2,4-Trimethylbenzene	0.10
541-73-1	1,3-Dichlorobenzene	0.10
106-46-7	1,4-Dichlorobenzene	0.10
100-44-7	alpha-Chlorotoluene	0.10
95-50-1	1,2-Dichlorobenzene	0.10
120-82-1	1,2,4-Trichlorobenzene	0.50
87-68-3	Hexachlorobutadiene	0.50

CAS Number	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

9/24/2013
Ms. Celeste Koon
Missouri Dept. of Natural Resources
2710 West Main

Jefferson City MO 65109

Project Name: Bridgeton Landfill
Project #:
Workorder #: 1309133

Dear Ms. Celeste Koon

The following report includes the data for the above referenced project for sample(s) received on 9/10/2013 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 #: 1309133

Work Order Summary

CLIENT:	Ms. Celeste Koon Missouri Dept. of Natural Resources 2710 West Main Jefferson City, MO 65109	BILL TO:	Accounts Payable Missouri Dept. of Natural Resources P.O Box 176 Jefferson City, MO 65102
PHONE:	573-526-3363	P.O. #	3ESP1301039
FAX:	573-526-3350	PROJECT #	Bridgeton Landfill
DATE RECEIVED:	09/10/2013	CONTACT:	Kelly Buettner
DATE COMPLETED:	09/24/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	D1	Modified TO-15	5.5 "Hg	4.7 psi
02A	D2	Modified TO-15	5.9 "Hg	5 psi
03A	U1	Modified TO-15	5.7 "Hg	5 psi
04A	U2	Modified TO-15	6.3 "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: 09/24/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, VA NELAP - 460197, WA NELAP - C935
 Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

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 - 9562
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LABORATORY NARRATIVE
Modified TO-15
Missouri Dept. of Natural Resources
Workorder# 1309133

Four 6 Liter Summa Canister (100% Certified) samples were received on September 10, 2013. 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

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

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

Lab ID#: 1309133-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.51	0.80	2.5
Freon 11	0.16	0.21	0.91	1.2
Ethanol	0.81	1.4	1.5	2.6
Acetone	0.81	4.4	1.9	10

Client Sample ID: D2

Lab ID#: 1309133-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.51	0.82	2.5
Freon 11	0.17	0.23	0.94	1.3
Ethanol	0.84	0.98	1.6	1.8
Acetone	0.84	2.7	2.0	6.5

Client Sample ID: U1

Lab ID#: 1309133-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.49	0.82	2.4
Freon 11	0.17	0.21	0.93	1.2
Ethanol	0.83	1.6	1.6	2.9
Acetone	0.83	4.8	2.0	11
Methylene Chloride	0.33	1.8	1.2	6.4
Hexane	0.17	0.17	0.58	0.61
Heptane	0.17	0.39	0.68	1.6
Toluene	0.17	0.33	0.62	1.2

Client Sample ID: U2

Lab ID#: 1309133-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.52	0.84	2.6

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

Client Sample ID: U2

Lab ID#: 1309133-04A

Freon 11	0.17	0.22	0.96	1.2
Ethanol	0.85	1.4	1.6	2.7
Acetone	0.85	3.6	2.0	8.5
2-Butanone (Methyl Ethyl Ketone)	0.85	0.98	2.5	2.9
<u>Heptane</u>	0.17	0.38	0.70	1.6



Air Toxics

Client Sample ID: D1

Lab ID#: 1309133-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092311	Date of Collection:	9/3/13 11:31:00 AM
Dil. Factor:	1.62	Date of Analysis:	9/23/13 04:24 PM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.16	0.51	0.80	2.5
Freon 114	0.16	Not Detected	1.1	Not Detected
Chloromethane	0.81	Not Detected	1.7	Not Detected
Vinyl Chloride	0.16	Not Detected	0.41	Not Detected
1,3-Butadiene	0.16	Not Detected	0.36	Not Detected
Bromomethane	0.81	Not Detected	3.1	Not Detected
Chloroethane	0.81	Not Detected	2.1	Not Detected
Freon 11	0.16	0.21	0.91	1.2
Ethanol	0.81	1.4	1.5	2.6
Freon 113	0.16	Not Detected	1.2	Not Detected
1,1-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Acetone	0.81	4.4	1.9	10
2-Propanol	0.81	Not Detected	2.0	Not Detected
Carbon Disulfide	0.81	Not Detected	2.5	Not Detected
3-Chloropropene	0.81	Not Detected	2.5	Not Detected
Methylene Chloride	0.32	Not Detected	1.1	Not Detected
Methyl tert-butyl ether	0.16	Not Detected	0.58	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Hexane	0.16	Not Detected	0.57	Not Detected
1,1-Dichloroethane	0.16	Not Detected	0.66	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.81	Not Detected	2.4	Not Detected
cis-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Tetrahydrofuran	0.81	Not Detected	2.4	Not Detected
Chloroform	0.16	Not Detected	0.79	Not Detected
1,1,1-Trichloroethane	0.16	Not Detected	0.88	Not Detected
Cyclohexane	0.16	Not Detected	0.56	Not Detected
Carbon Tetrachloride	0.16	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.81	Not Detected	3.8	Not Detected
Benzene	0.16	Not Detected	0.52	Not Detected
1,2-Dichloroethane	0.16	Not Detected	0.66	Not Detected
Heptane	0.16	Not Detected	0.66	Not Detected
Trichloroethene	0.16	Not Detected	0.87	Not Detected
1,2-Dichloropropane	0.16	Not Detected	0.75	Not Detected
1,4-Dioxane	0.16	Not Detected	0.58	Not Detected
Bromodichloromethane	0.16	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
4-Methyl-2-pentanone	0.16	Not Detected	0.66	Not Detected
Toluene	0.16	Not Detected	0.61	Not Detected
trans-1,3-Dichloropropene	0.16	Not Detected	0.74	Not Detected
1,1,2-Trichloroethane	0.16	Not Detected	0.88	Not Detected
Tetrachloroethene	0.16	Not Detected	1.1	Not Detected
2-Hexanone	0.81	Not Detected	3.3	Not Detected



Air Toxics

Client Sample ID: D1

Lab ID#: 1309133-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092311	Date of Collection:	9/3/13 11:31:00 AM
Dil. Factor:	1.62	Date of Analysis:	9/23/13 04:24 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.16	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.16	Not Detected	1.2	Not Detected
Chlorobenzene	0.16	Not Detected	0.74	Not Detected
Ethyl Benzene	0.16	Not Detected	0.70	Not Detected
m,p-Xylene	0.16	Not Detected	0.70	Not Detected
o-Xylene	0.16	Not Detected	0.70	Not Detected
Styrene	0.16	Not Detected	0.69	Not Detected
Bromoform	0.16	Not Detected	1.7	Not Detected
Cumene	0.16	Not Detected	0.80	Not Detected
1,1,2,2-Tetrachloroethane	0.16	Not Detected	1.1	Not Detected
Propylbenzene	0.16	Not Detected	0.80	Not Detected
4-Ethyltoluene	0.16	Not Detected	0.80	Not Detected
1,3,5-Trimethylbenzene	0.16	Not Detected	0.80	Not Detected
1,2,4-Trimethylbenzene	0.16	Not Detected	0.80	Not Detected
1,3-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
1,4-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
alpha-Chlorotoluene	0.16	Not Detected	0.84	Not Detected
1,2-Dichlorobenzene	0.16	Not Detected	0.97	Not Detected
1,2,4-Trichlorobenzene	0.81	Not Detected	6.0	Not Detected
Hexachlorobutadiene	0.81	Not Detected	8.6	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	91	70-130

Client Sample ID: D2

Lab ID#: 1309133-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092312	Date of Collection:	9/3/13 11:55:00 AM
Dil. Factor:	1.67	Date of Analysis:	9/23/13 06:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.51	0.82	2.5
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.84	Not Detected	1.7	Not Detected
Vinyl Chloride	0.17	Not Detected	0.43	Not Detected
1,3-Butadiene	0.17	Not Detected	0.37	Not Detected
Bromomethane	0.84	Not Detected	3.2	Not Detected
Chloroethane	0.84	Not Detected	2.2	Not Detected
Freon 11	0.17	0.23	0.94	1.3
Ethanol	0.84	0.98	1.6	1.8
Freon 113	0.17	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.17	Not Detected	0.66	Not Detected
Acetone	0.84	2.7	2.0	6.5
2-Propanol	0.84	Not Detected	2.0	Not Detected
Carbon Disulfide	0.84	Not Detected	2.6	Not Detected
3-Chloropropene	0.84	Not Detected	2.6	Not Detected
Methylene Chloride	0.33	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.66	Not Detected
Hexane	0.17	Not Detected	0.59	Not Detected
1,1-Dichloroethane	0.17	Not Detected	0.68	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.84	Not Detected	2.5	Not Detected
cis-1,2-Dichloroethene	0.17	Not Detected	0.66	Not Detected
Tetrahydrofuran	0.84	Not Detected	2.5	Not Detected
Chloroform	0.17	Not Detected	0.82	Not Detected
1,1,1-Trichloroethane	0.17	Not Detected	0.91	Not Detected
Cyclohexane	0.17	Not Detected	0.57	Not Detected
Carbon Tetrachloride	0.17	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.84	Not Detected	3.9	Not Detected
Benzene	0.17	Not Detected	0.53	Not Detected
1,2-Dichloroethane	0.17	Not Detected	0.68	Not Detected
Heptane	0.17	Not Detected	0.68	Not Detected
Trichloroethene	0.17	Not Detected	0.90	Not Detected
1,2-Dichloropropane	0.17	Not Detected	0.77	Not Detected
1,4-Dioxane	0.17	Not Detected	0.60	Not Detected
Bromodichloromethane	0.17	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.76	Not Detected
4-Methyl-2-pentanone	0.17	Not Detected	0.68	Not Detected
Toluene	0.17	Not Detected	0.63	Not Detected
trans-1,3-Dichloropropene	0.17	Not Detected	0.76	Not Detected
1,1,2-Trichloroethane	0.17	Not Detected	0.91	Not Detected
Tetrachloroethene	0.17	Not Detected	1.1	Not Detected
2-Hexanone	0.84	Not Detected	3.4	Not Detected



Air Toxics

Client Sample ID: D2

Lab ID#: 1309133-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092312	Date of Collection:	9/3/13 11:55:00 AM
Dil. Factor:	1.67	Date of Analysis:	9/23/13 06:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.17	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.77	Not Detected
Ethyl Benzene	0.17	Not Detected	0.72	Not Detected
m,p-Xylene	0.17	Not Detected	0.72	Not Detected
o-Xylene	0.17	Not Detected	0.72	Not Detected
Styrene	0.17	Not Detected	0.71	Not Detected
Bromoform	0.17	Not Detected	1.7	Not Detected
Cumene	0.17	Not Detected	0.82	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.1	Not Detected
Propylbenzene	0.17	Not Detected	0.82	Not Detected
4-Ethyltoluene	0.17	Not Detected	0.82	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.82	Not Detected
1,2,4-Trimethylbenzene	0.17	Not Detected	0.82	Not Detected
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.17	Not Detected	0.86	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.84	Not Detected	6.2	Not Detected
Hexachlorobutadiene	0.84	Not Detected	8.9	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	111	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	93	70-130



Air Toxics

Client Sample ID: U1

Lab ID#: 1309133-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092313	Date of Collection:	9/3/13 12:20:00 PM
Dil. Factor:	1.66	Date of Analysis:	9/23/13 06:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.49	0.82	2.4
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.83	Not Detected	1.7	Not Detected
Vinyl Chloride	0.17	Not Detected	0.42	Not Detected
1,3-Butadiene	0.17	Not Detected	0.37	Not Detected
Bromomethane	0.83	Not Detected	3.2	Not Detected
Chloroethane	0.83	Not Detected	2.2	Not Detected
Freon 11	0.17	0.21	0.93	1.2
Ethanol	0.83	1.6	1.6	2.9
Freon 113	0.17	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.17	Not Detected	0.66	Not Detected
Acetone	0.83	4.8	2.0	11
2-Propanol	0.83	Not Detected	2.0	Not Detected
Carbon Disulfide	0.83	Not Detected	2.6	Not Detected
3-Chloropropene	0.83	Not Detected	2.6	Not Detected
Methylene Chloride	0.33	1.8	1.2	6.4
Methyl tert-butyl ether	0.17	Not Detected	0.60	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.66	Not Detected
Hexane	0.17	0.17	0.58	0.61
1,1-Dichloroethane	0.17	Not Detected	0.67	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.83	Not Detected	2.4	Not Detected
cis-1,2-Dichloroethene	0.17	Not Detected	0.66	Not Detected
Tetrahydrofuran	0.83	Not Detected	2.4	Not Detected
Chloroform	0.17	Not Detected	0.81	Not Detected
1,1,1-Trichloroethane	0.17	Not Detected	0.90	Not Detected
Cyclohexane	0.17	Not Detected	0.57	Not Detected
Carbon Tetrachloride	0.17	Not Detected	1.0	Not Detected
2,2,4-Trimethylpentane	0.83	Not Detected	3.9	Not Detected
Benzene	0.17	Not Detected	0.53	Not Detected
1,2-Dichloroethane	0.17	Not Detected	0.67	Not Detected
Heptane	0.17	0.39	0.68	1.6
Trichloroethene	0.17	Not Detected	0.89	Not Detected
1,2-Dichloropropane	0.17	Not Detected	0.77	Not Detected
1,4-Dioxane	0.17	Not Detected	0.60	Not Detected
Bromodichloromethane	0.17	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.75	Not Detected
4-Methyl-2-pentanone	0.17	Not Detected	0.68	Not Detected
Toluene	0.17	0.33	0.62	1.2
trans-1,3-Dichloropropene	0.17	Not Detected	0.75	Not Detected
1,1,2-Trichloroethane	0.17	Not Detected	0.90	Not Detected
Tetrachloroethene	0.17	Not Detected	1.1	Not Detected
2-Hexanone	0.83	Not Detected	3.4	Not Detected



Air Toxics

Client Sample ID: U1

Lab ID#: 1309133-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092313	Date of Collection:	9/3/13 12:20:00 PM
Dil. Factor:	1.66	Date of Analysis:	9/23/13 06:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.17	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.76	Not Detected
Ethyl Benzene	0.17	Not Detected	0.72	Not Detected
m,p-Xylene	0.17	Not Detected	0.72	Not Detected
o-Xylene	0.17	Not Detected	0.72	Not Detected
Styrene	0.17	Not Detected	0.71	Not Detected
Bromoform	0.17	Not Detected	1.7	Not Detected
Cumene	0.17	Not Detected	0.82	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.1	Not Detected
Propylbenzene	0.17	Not Detected	0.82	Not Detected
4-Ethyltoluene	0.17	Not Detected	0.82	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.82	Not Detected
1,2,4-Trimethylbenzene	0.17	Not Detected	0.82	Not Detected
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.17	Not Detected	0.86	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.83	Not Detected	6.2	Not Detected
Hexachlorobutadiene	0.83	Not Detected	8.8	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	92	70-130

Client Sample ID: U2

Lab ID#: 1309133-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092314	Date of Collection:	9/3/13 12:35:00 PM
Dil. Factor:	1.70	Date of Analysis:	9/23/13 07:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.17	0.52	0.84	2.6
Freon 114	0.17	Not Detected	1.2	Not Detected
Chloromethane	0.85	Not Detected	1.8	Not Detected
Vinyl Chloride	0.17	Not Detected	0.43	Not Detected
1,3-Butadiene	0.17	Not Detected	0.38	Not Detected
Bromomethane	0.85	Not Detected	3.3	Not Detected
Chloroethane	0.85	Not Detected	2.2	Not Detected
Freon 11	0.17	0.22	0.96	1.2
Ethanol	0.85	1.4	1.6	2.7
Freon 113	0.17	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Acetone	0.85	3.6	2.0	8.5
2-Propanol	0.85	Not Detected	2.1	Not Detected
Carbon Disulfide	0.85	Not Detected	2.6	Not Detected
3-Chloropropene	0.85	Not Detected	2.7	Not Detected
Methylene Chloride	0.34	Not Detected	1.2	Not Detected
Methyl tert-butyl ether	0.17	Not Detected	0.61	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Hexane	0.17	Not Detected	0.60	Not Detected
1,1-Dichloroethane	0.17	Not Detected	0.69	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.85	0.98	2.5	2.9
cis-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Tetrahydrofuran	0.85	Not Detected	2.5	Not Detected
Chloroform	0.17	Not Detected	0.83	Not Detected
1,1,1-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Cyclohexane	0.17	Not Detected	0.58	Not Detected
Carbon Tetrachloride	0.17	Not Detected	1.1	Not Detected
2,2,4-Trimethylpentane	0.85	Not Detected	4.0	Not Detected
Benzene	0.17	Not Detected	0.54	Not Detected
1,2-Dichloroethane	0.17	Not Detected	0.69	Not Detected
Heptane	0.17	0.38	0.70	1.6
Trichloroethene	0.17	Not Detected	0.91	Not Detected
1,2-Dichloropropane	0.17	Not Detected	0.78	Not Detected
1,4-Dioxane	0.17	Not Detected	0.61	Not Detected
Bromodichloromethane	0.17	Not Detected	1.1	Not Detected
cis-1,3-Dichloropropene	0.17	Not Detected	0.77	Not Detected
4-Methyl-2-pentanone	0.17	Not Detected	0.70	Not Detected
Toluene	0.17	Not Detected	0.64	Not Detected
trans-1,3-Dichloropropene	0.17	Not Detected	0.77	Not Detected
1,1,2-Trichloroethane	0.17	Not Detected	0.93	Not Detected
Tetrachloroethene	0.17	Not Detected	1.2	Not Detected
2-Hexanone	0.85	Not Detected	3.5	Not Detected



Air Toxics

Client Sample ID: U2

Lab ID#: 1309133-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092314	Date of Collection:	9/3/13 12:35:00 PM
Dil. Factor:	1.70	Date of Analysis:	9/23/13 07:35 PM

Compound	Rot. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.17	Not Detected	1.4	Not Detected
1,2-Dibromoethane (EDB)	0.17	Not Detected	1.3	Not Detected
Chlorobenzene	0.17	Not Detected	0.78	Not Detected
Ethyl Benzene	0.17	Not Detected	0.74	Not Detected
m,p-Xylene	0.17	Not Detected	0.74	Not Detected
o-Xylene	0.17	Not Detected	0.74	Not Detected
Styrene	0.17	Not Detected	0.72	Not Detected
Bromoform	0.17	Not Detected	1.8	Not Detected
Cumene	0.17	Not Detected	0.84	Not Detected
1,1,2,2-Tetrachloroethane	0.17	Not Detected	1.2	Not Detected
Propylbenzene	0.17	Not Detected	0.84	Not Detected
4-Ethyltoluene	0.17	Not Detected	0.84	Not Detected
1,3,5-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,2,4-Trimethylbenzene	0.17	Not Detected	0.84	Not Detected
1,3-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,4-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
alpha-Chlorotoluene	0.17	Not Detected	0.88	Not Detected
1,2-Dichlorobenzene	0.17	Not Detected	1.0	Not Detected
1,2,4-Trichlorobenzene	0.85	Not Detected	6.3	Not Detected
Hexachlorobutadiene	0.85	Not Detected	9.1	Not Detected

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1309133-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092307	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	9/23/13 12:39 PM

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#: 1309133-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092307	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/13 12:39 PM

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	107	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	92	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1309133-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092302	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/13 08:41 AM

Compound	%Recovery
Freon 12	96
Freon 114	96
Chloromethane	93
Vinyl Chloride	96
1,3-Butadiene	94
Bromomethane	104
Chloroethane	98
Freon 11	99
Ethanol	98
Freon 113	94
1,1-Dichloroethene	96
Acetone	94
2-Propanol	98
Carbon Disulfide	99
3-Chloropropene	103
Methylene Chloride	94
Methyl tert-butyl ether	92
trans-1,2-Dichloroethene	95
Hexane	92
1,1-Dichloroethane	93
2-Butanone (Methyl Ethyl Ketone)	101
cis-1,2-Dichloroethene	96
Tetrahydrofuran	98
Chloroform	96
1,1,1-Trichloroethane	92
Cyclohexane	93
Carbon Tetrachloride	112
2,2,4-Trimethylpentane	93
Benzene	94
1,2-Dichloroethane	96
Heptane	92
Trichloroethene	94
1,2-Dichloropropane	95
1,4-Dioxane	94
Bromodichloromethane	99
cis-1,3-Dichloropropene	97
4-Methyl-2-pentanone	97
Toluene	94
trans-1,3-Dichloropropene	95
1,1,2-Trichloroethane	90
Tetrachloroethene	91
2-Hexanone	94



Air Toxics

Client Sample ID: CCV

Lab ID#: 1309133-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092302	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/13 08:41 AM

Compound	%Recovery
Dibromochloromethane	96
1,2-Dibromoethane (EDB)	93
Chlorobenzene	89
Ethyl Benzene	91
m,p-Xylene	91
o-Xylene	89
Styrene	88
Bromoform	101
Cumene	91
1,1,2,2-Tetrachloroethane	89
Propylbenzene	88
4-Ethyltoluene	86
1,3,5-Trimethylbenzene	84
1,2,4-Trimethylbenzene	81
1,3-Dichlorobenzene	82
1,4-Dichlorobenzene	80
alpha-Chlorotoluene	97
1,2-Dichlorobenzene	82
1,2,4-Trichlorobenzene	77
Hexachlorobutadiene	83

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	95	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1309133-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/13 09:25 AM

Compound	%Recovery	Method Limits
Freon 12	96	70-130
Freon 114	95	70-130
Chloromethane	94	70-130
Vinyl Chloride	94	70-130
1,3-Butadiene	92	70-130
Bromomethane	102	70-130
Chloroethane	97	70-130
Freon 11	96	70-130
Ethanol	88	70-130
Freon 113	91	70-130
1,1-Dichloroethene	97	70-130
Acetone	87	70-130
2-Propanol	93	70-130
Carbon Disulfide	118	70-130
3-Chloropropene	108	70-130
Methylene Chloride	91	70-130
Methyl tert-butyl ether	92	70-130
trans-1,2-Dichloroethene	103	70-130
Hexane	88	70-130
1,1-Dichloroethane	90	70-130
2-Butanone (Methyl Ethyl Ketone)	99	70-130
cis-1,2-Dichloroethene	92	70-130
Tetrahydrofuran	90	70-130
Chloroform	96	70-130
1,1,1-Trichloroethane	91	70-130
Cyclohexane	91	70-130
Carbon Tetrachloride	113	70-130
2,2,4-Trimethylpentane	86	70-130
Benzene	93	70-130
1,2-Dichloroethane	96	70-130
Heptane	91	70-130
Trichloroethene	93	70-130
1,2-Dichloropropane	93	70-130
1,4-Dioxane	90	70-130
Bromodichloromethane	97	70-130
cis-1,3-Dichloropropene	95	70-130
4-Methyl-2-pentanone	91	70-130
Toluene	90	70-130
trans-1,3-Dichloropropene	94	70-130
1,1,2-Trichloroethane	90	70-130
Tetrachloroethene	90	70-130
2-Hexanone	90	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1309133-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/13 09:25 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	96	70-130
1,2-Dibromoethane (EDB)	92	70-130
Chlorobenzene	89	70-130
Ethyl Benzene	92	70-130
m,p-Xylene	93	70-130
o-Xylene	89	70-130
Styrene	88	70-130
Bromoform	96	70-130
Cumene	92	70-130
1,1,2,2-Tetrachloroethane	89	70-130
Propylbenzene	91	70-130
4-Ethyltoluene	85	70-130
1,3,5-Trimethylbenzene	84	70-130
1,2,4-Trimethylbenzene	81	70-130
1,3-Dichlorobenzene	81	70-130
1,4-Dichlorobenzene	78	70-130
alpha-Chlorotoluene	90	70-130
1,2-Dichlorobenzene	80	70-130
1,2,4-Trichlorobenzene	68 Q	70-130
Hexachlorobutadiene	75	70-130

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	97	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1309133-07AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092304	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/13 10:04 AM

Compound	%Recovery	Method Limits
Freon 12	99	70-130
Freon 114	97	70-130
Chloromethane	98	70-130
Vinyl Chloride	98	70-130
1,3-Butadiene	94	70-130
Bromomethane	107	70-130
Chloroethane	100	70-130
Freon 11	99	70-130
Ethanol	93	70-130
Freon 113	96	70-130
1,1-Dichloroethene	101	70-130
Acetone	93	70-130
2-Propanol	99	70-130
Carbon Disulfide	122	70-130
3-Chloropropene	111	70-130
Methylene Chloride	93	70-130
Methyl tert-butyl ether	95	70-130
trans-1,2-Dichloroethene	108	70-130
Hexane	92	70-130
1,1-Dichloroethane	94	70-130
2-Butanone (Methyl Ethyl Ketone)	100	70-130
cis-1,2-Dichloroethene	96	70-130
Tetrahydrofuran	95	70-130
Chloroform	98	70-130
1,1,1-Trichloroethane	93	70-130
Cyclohexane	94	70-130
Carbon Tetrachloride	117	70-130
2,2,4-Trimethylpentane	91	70-130
Benzene	93	70-130
1,2-Dichloroethane	97	70-130
Heptane	90	70-130
Trichloroethene	93	70-130
1,2-Dichloropropane	94	70-130
1,4-Dioxane	90	70-130
Bromodichloromethane	97	70-130
cis-1,3-Dichloropropene	94	70-130
4-Methyl-2-pentanone	91	70-130
Toluene	90	70-130
trans-1,3-Dichloropropene	93	70-130
1,1,2-Trichloroethane	90	70-130
Tetrachloroethene	91	70-130
2-Hexanone	92	70-130

Client Sample ID: LCSD

Lab ID#: 1309133-07AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v092304	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 9/23/13 10:04 AM

Compound	%Recovery	Method Limits
Dibromochloromethane	95	70-130
1,2-Dibromoethane (EDB)	94	70-130
Chlorobenzene	90	70-130
Ethyl Benzene	93	70-130
m,p-Xylene	94	70-130
o-Xylene	90	70-130
Styrene	91	70-130
Bromoform	98	70-130
Cumene	94	70-130
1,1,2,2-Tetrachloroethane	90	70-130
Propylbenzene	93	70-130
4-Ethyltoluene	85	70-130
1,3,5-Trimethylbenzene	87	70-130
1,2,4-Trimethylbenzene	80	70-130
1,3-Dichlorobenzene	83	70-130
1,4-Dichlorobenzene	80	70-130
alpha-Chlorotoluene	91	70-130
1,2-Dichlorobenzene	82	70-130
1,2,4-Trichlorobenzene	73	70-130
Hexachlorobutadiene	77	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	100	70-130