



Air Toxics

Client Sample ID: Y33677060516

Lab ID#: 1606308-01A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	e062009	Date of Collection:	6/5/16 11:59:00 PM
Dil. Factor:	1.00	Date of Analysis:	6/20/16 03:03 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	0.039 J	0.43	0.17 J
o-Xylene	0.10	Not Detected	0.43	Not Detected
Styrene	0.10	Not Detected	0.42	Not Detected
Bromoform	0.10	0.013 J	1.0	0.14 J
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	0.015 J	0.49	0.074 J
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	0.028 J	0.60	0.16 J
1,4-Dichlorobenzene	0.10	0.032 J	0.60	0.19 J
alpha-Chlorotoluene	0.10	Not Detected	0.52	Not Detected
1,2-Dichlorobenzene	0.10	0.017 J	0.60	0.10 J
1,2,4-Trichlorobenzene	0.50	0.29 J	3.7	2.1 J
Hexachlorobutadiene	0.50	0.096 J	5.3	1.0 J
Butane	0.50	0.22 J	1.2	0.52 J
Decane	2.0	Not Detected	12	Not Detected
Dibromomethane	0.50	Not Detected	3.6	Not Detected
Nonane	0.50	Not Detected	2.6	Not Detected
Naphthalene	0.50	0.039 J	2.6	0.20 J
Octane	0.50	Not Detected	2.3	Not Detected
Pentane	0.50	Not Detected	1.5	Not Detected
Propylene	1.0	Not Detected	1.7	Not Detected
Undecane	2.0	Not Detected	13	Not Detected
Vinyl Acetate	0.50	Not Detected	1.8	Not Detected

J = Estimated value.

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: A5695060516

Lab ID#: 1606308-02A

MODIFIED EPA METHOD TO-14A GC/MS FULL SCAN

File Name:	e062010	Date of Collection:	6/5/16 11:59:00 PM
Dil. Factor:	1.00	Date of Analysis:	6/20/16 03:46 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.10	0.41	0.49	2.0
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.50	0.56	1.0	1.1
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	0.24	0.56	1.3
Ethanol	0.50	3.3	0.94	6.2
Freon 113	0.10	0.066 J	0.77	0.51 J
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	5.4	1.2	13
2-Propanol	0.50	1.0	1.2	2.5
Carbon Disulfide	0.50	0.80	1.6	2.5
3-Chloropropene	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	0.13 J	0.69	0.47 J
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	0.072 J	0.35	0.25 J
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	0.61	1.5	1.8
cis-1,2-Dichloroethene	0.10	0.072 J	0.40	0.29 J
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	Not Detected	0.49	Not Detected
1,1,1-Trichloroethane	0.10	0.059 J	0.54	0.32 J
Cyclohexane	0.10	Not Detected	0.34	Not Detected
Carbon Tetrachloride	0.10	0.079 J	0.63	0.50 J
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.10	0.078 J	0.32	0.25 J
1,2-Dichloroethane	0.10	0.029 J	0.40	0.12 J
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	0.14	0.38	0.53
trans-1,3-Dichloropropene	0.10	0.021 J	0.45	0.096 J
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



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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	0.048 J	0.43	0.21 J
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	0.018 J	0.49	0.090 J
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	0.26	0.60	1.6
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	0.13 J	3.7	0.96 J
Hexachlorobutadiene	0.50	0.041 J	5.3	0.44 J
Butane	0.50	0.47 J	1.2	1.1 J
Decane	2.0	Not Detected	12	Not Detected
Dibromomethane	0.50	Not Detected	3.6	Not Detected
Nonane	0.50	Not Detected	2.6	Not Detected
Naphthalene	0.50	0.025 J	2.6	0.13 J
Octane	0.50	Not Detected	2.3	Not Detected
Pentane	0.50	Not Detected	1.5	Not Detected
Propylene	1.0	Not Detected	1.7	Not Detected
Undecane	2.0	Not Detected	13	Not Detected
Vinyl Acetate	0.50	Not Detected	1.8	Not Detected

J = Estimated value.

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

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	94	70-130