



Air Toxics

Client Sample ID: A6L1111012618

Lab ID#: 1802110-01A

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

File Name:	21020916	Date of Collection:	1/26/18 11:59:00 PM
Dil. Factor:	1.00	Date of Analysis:	2/9/18 06:01 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.10	0.44	0.49	2.2
Freon 114	0.10	Not Detected	0.70	Not Detected
Chloromethane	0.50	0.61	1.0	1.2
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
1,3-Butadiene	0.10	0.043 J	0.22	0.095 J
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.10	0.26	0.56	1.5
Ethanol	0.50	2.2	0.94	4.1
Freon 113	0.10	0.074 J	0.77	0.56 J
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Acetone	0.50	2.6	1.2	6.1
2-Propanol	0.50	0.24 J	1.2	0.58 J
Carbon Disulfide	0.50	0.075 J	1.6	0.23 J
3-Chloropropene	0.50	Not Detected	1.6	Not Detected
Methylene Chloride	0.20	0.14 J	0.69	0.50 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	0.13	0.35	0.46
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	0.35 J	1.5	1.0 J
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.10	0.021 J	0.49	0.10 J
1,1,1-Trichloroethane	0.10	Not Detected	0.54	Not Detected
Cyclohexane	0.10	0.021 J	0.34	0.071 J
Carbon Tetrachloride	0.10	0.082 J	0.63	0.52 J
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.10	0.44	0.32	1.4
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Heptane	0.10	0.069 J	0.41	0.28 J
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	0.46	0.38	1.7
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	0.025 J	0.68	0.17 J
2-Hexanone	0.50	Not Detected	2.0	Not Detected



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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	0.052 J	0.43	0.23 J
m,p-Xylene	0.10	0.20	0.43	0.89
o-Xylene	0.10	0.076 J	0.43	0.33 J
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	0.028 J	0.49	0.14 J
4-Ethyltoluene	0.10	0.034 J	0.49	0.17 J
1,3,5-Trimethylbenzene	0.10	0.019 J	0.49	0.093 J
1,2,4-Trimethylbenzene	0.10	0.057 J	0.49	0.28 J
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
Naphthalene	0.50	0.015 J	2.6	0.081 J
Vinyl Acetate	0.50	Not Detected	1.8	Not Detected
Butane	0.50	1.2	1.2	2.9
Propylene	1.0	Not Detected	1.7	Not Detected

TENTATIVELY IDENTIFIED COMPOUNDS

Compound	CAS Number	Match Quality	Amount (ppbv)
Decane	124-18-5	NA	Not Detected
Dibromomethane	74-95-3	NA	Not Detected
Nonane	111-84-2	NA	Not Detected
Octane	111-65-9	NA	Not Detected
Pentane	109-66-0	91%	0.57 NJ
Undecane	1120-21-4	NA	Not Detected

J = Estimated value.

NJ =The identification is based on presumptive evidence; estimated value.

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

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



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Surrogates	%Recovery	Method Limits
4-Bromofluorobenzene	84	70-130