



Air Toxics

Client Sample ID: A6L0660011418

Lab ID#: 1801341-01A

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

|              |          |                     |                  |
|--------------|----------|---------------------|------------------|
| File Name:   | 21012408 | Date of Collection: | 1/14/18          |
| Dil. Factor: | 1.00     | Date of Analysis:   | 1/24/18 12:41 PM |

| Compound                         | Rpt. Limit (ppbv) | Amount (ppbv) | Rpt. Limit (ug/m3) | Amount (ug/m3) |
|----------------------------------|-------------------|---------------|--------------------|----------------|
| Freon 12                         | 0.10              | 0.48          | 0.49               | 2.4            |
| Freon 114                        | 0.10              | Not Detected  | 0.70               | Not Detected   |
| Chloromethane                    | 0.50              | 0.59          | 1.0                | 1.2            |
| Vinyl Chloride                   | 0.10              | Not Detected  | 0.26               | Not Detected   |
| 1,3-Butadiene                    | 0.10              | 0.021 J       | 0.22               | 0.046 J        |
| Bromomethane                     | 0.50              | Not Detected  | 1.9                | Not Detected   |
| Chloroethane                     | 0.50              | Not Detected  | 1.3                | Not Detected   |
| Freon 11                         | 0.10              | 0.25          | 0.56               | 1.4            |
| Ethanol                          | 0.50              | 1.1           | 0.94               | 2.2            |
| Freon 113                        | 0.10              | 0.073 J       | 0.77               | 0.56 J         |
| 1,1-Dichloroethene               | 0.10              | Not Detected  | 0.40               | Not Detected   |
| Acetone                          | 0.50              | 1.2           | 1.2                | 2.7            |
| 2-Propanol                       | 0.50              | 0.14 J        | 1.2                | 0.33 J         |
| Carbon Disulfide                 | 0.50              | 0.11 J        | 1.6                | 0.34 J         |
| 3-Chloropropene                  | 0.50              | Not Detected  | 1.6                | Not Detected   |
| Methylene Chloride               | 0.20              | 1.0           | 0.69               | 3.4            |
| 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              | 0.17 J        | 1.5                | 0.50 J         |
| cis-1,2-Dichloroethene           | 0.10              | Not Detected  | 0.40               | Not Detected   |
| Tetrahydrofuran                  | 0.50              | 0.060 J       | 1.5                | 0.18 J         |
| Chloroform                       | 0.10              | 0.019 J       | 0.49               | 0.094 J        |
| 1,1,1-Trichloroethane            | 0.10              | Not Detected  | 0.54               | Not Detected   |
| Cyclohexane                      | 0.10              | 0.61          | 0.34               | 2.1            |
| 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              | 0.27          | 0.32               | 0.86           |
| 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              | 0.35          | 0.38               | 1.3            |
| 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   |



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| Dil. Factor: | 1.00     | Date of Analysis:   | 1/24/18 12:41 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              | 0.089 J       | 0.43               | 0.38 J         |
| o-Xylene                  | 0.10              | 0.035 J       | 0.43               | 0.15 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              | 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              | 0.023 J       | 0.49               | 0.11 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   |
| Butane                    | 0.50              | 0.72          | 1.2                | 1.7            |
| 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              | Not Detected  | 2.6                | Not Detected   |
| Octane                    | 0.50              | Not Detected  | 2.3                | Not Detected   |
| Pentane                   | 0.50              | 3.2           | 1.5                | 9.4            |
| Propylene                 | 1.0               | 0.55 J        | 1.7                | 0.94 J         |
| 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 Canister (100% Cert Ambient)

| Surrogates            | %Recovery | Method Limits |
|-----------------------|-----------|---------------|
| 1,2-Dichloroethane-d4 | 125       | 70-130        |
| Toluene-d8            | 95        | 70-130        |
| 4-Bromofluorobenzene  | 91        | 70-130        |