284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | G Environmental | | | Date Collected: | 05/12/25 |
| Project: | Hillside | | | Date Received: | 05/12/25 |
| Client Sample ID: | MW2 | | | SDG No.: | Q2018 |
| Lab Sample ID: | Q2018-04 | | | Matrix: | Water |
| Analytical Method: | 8260D | | | % Solid: | 0 |
| Sample Wt/Vol: | 5 | Units: | mL | Final Vol: | 5000 uL |
| Soil Aliquot Vol: | | | uL | Test: | VOCMS Group1 |
| GC Column: | DB-624UI | ID : | 0.18 | Level : | LOW |
| Prep Method : | | | | | |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
|---|---|---|---|---|
| VX046177.D | 1 | | 05/13/25 19:28 | VX051325 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | |
| 74-87-3 | Chloromethane | 0.32 | U | 0.32 | 1.00 | ug/L |
| 75-01-4 | Vinyl Chloride | 0.26 | U | 0.26 | 1.00 | ug/L |
| 74-83-9 | Bromomethane | 1.40 | U | 1.40 | 5.00 | ug/L |
| 75-00-3 | Chloroethane | 0.47 | U | 0.47 | 1.00 | ug/L |
| 75-65-0 | Tert butyl alcohol | 9300 | E | 5.50 | 25.0 | ug/L |
| 75-35-4 | 1,1-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 67-64-1 | Acetone | 21.0 | | 1.50 | 5.00 | ug/L |
| 75-15-0 | Carbon Disulfide | 0.21 | U | 0.21 | 1.00 | ug/L |
| 1634-04-4 | Methyl tert-butyl Ether | 0.16 | U | 0.16 | 1.00 | ug/L |
| 75-09-2 | Methylene Chloride | 0.28 | U | 0.28 | 1.00 | ug/L |
| 156-60-5 | trans-1,2-Dichloroethene | 0.23 | U | 0.23 | 1.00 | ug/L |
| 75-34-3 | 1,1-Dichloroethane | 0.23 | U | 0.23 | 1.00 | ug/L |
| 78-93-3 | 2-Butanone | 6.40 | | 0.98 | 5.00 | ug/L |
| 56-23-5 | Carbon Tetrachloride | 0.25 | U | 0.25 | 1.00 | ug/L |
| 156-59-2 | cis-1,2-Dichloroethene | 0.19 | U | 0.19 | 1.00 | ug/L |
| 67-66-3 | Chloroform | 0.25 | U | 0.25 | 1.00 | ug/L |
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 71-43-2 | Benzene | 55.6 | | 0.15 | 1.00 | ug/L |
| 107-06-2 | 1,2-Dichloroethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 79-01-6 | Trichloroethene | 0.090 | U | 0.090 | 1.00 | ug/L |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 1.00 | ug/L |
| 75-27-4 | Bromodichloromethane | 0.22 | U | 0.22 | 1.00 | ug/L |
| 108-10-1 | 4-Methyl-2-Pentanone | 0.68 | U | 0.68 | 5.00 | ug/L |
| 108-88-3 | Toluene | 1.40 | | 0.14 | 1.00 | ug/L |
| 10061-02-6 | t-1,3-Dichloropropene | 0.17 | U | 0.17 | 1.00 | ug/L |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.16 | U | 0.16 | 1.00 | ug/L |
| 79-00-5 | 1,1,2-Trichloroethane | 0.21 | U | 0.21 | 1.00 | ug/L |
| 591-78-6 | 2-Hexanone | 0.89 | U | 0.89 | 5.00 | ug/L |
| 124-48-1 | Dibromochloromethane | 0.18 | U | 0.18 | 1.00 | ug/L |
| 127-18-4 | Tetrachloroethene | 0.51 | J | 0.23 | 1.00 | ug/L |

Alliance TECHNICAL GROUP
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| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | 0.12 | U | 0.12 | 1.00 | ug/L |
| 100-41-4 | Ethyl Benzene | 1.20 | | 0.13 | 1.00 | ug/L |
| 179601-23-1 | m/p-Xylenes | 1.60 | J | 0.24 | 2.00 | ug/L |
| 95-47-6 | o-Xylene | 0.38 | J | 0.12 | 1.00 | ug/L |
| 100-42-5 | Styrene | 0.15 | U | 0.15 | 1.00 | ug/L |
| 75-25-2 | Bromoform | 0.19 | U | 0.19 | 1.00 | ug/L |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.26 | U | 0.26 | 1.00 | ug/L |
| **SURROGATES** | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 51.1 | | 70 (74) - 130 (125) | 102% | SPK: 50 |
| 1868-53-7 | Dibromofluoromethane | 50.1 | | 70 (75) - 130 (124) | 100% | SPK: 50 |
| 2037-26-5 | Toluene-d8 | 50.1 | | 70 (86) - 130 (113) | 100% | SPK: 50 |
| 460-00-4 | 4-Bromofluorobenzene | 54.2 | | 70 (77) - 130 (121) | 108% | SPK: 50 |
| **INTERNAL STANDARDS** | | | | | | |
| 363-72-4 | Pentafluorobenzene | 68400 | 5.55 | | | |
| 540-36-3 | 1,4-Difluorobenzene | 136000 | 6.757 | | | |
| 3114-55-4 | Chlorobenzene-d5 | 128000 | 10.055 | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 58300 | 12.018 | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | |
| 000078-78-4 | Butane, 2-methyl- | 190 | J | | 1.73 | ug/L |
| 000079-29-8 | Butane, 2,3-dimethyl- | 210 | J | | 2.77 | ug/L |
| 000107-83-5 | unknown2.819 | 64.0 | J | | 2.82 | ug/L |
| 000096-14-0 | Pentane, 3-methyl- | 170 | J | | 3.09 | ug/L |
| 000108-08-7 | Pentane, 2,4-dimethyl- | 55.9 | J | | 4.20 | ug/L |
| 000096-37-7 | Cyclopentane, methyl- | 88.0 | J | | 4.29 | ug/L |
| 110-82-7 | Cyclohexane | 14.5 | J | | 5.48 | ug/L |
| 000565-59-3 | Pentane, 2,3-dimethyl- | 100 | J | | 5.61 | ug/L |
| 000594-82-1 | Butane, 2,2,3,3-tetramethyl- | 190 | J | | 6.25 | ug/L |
| 108-87-2 | Methylcyclohexane | 14.1 | J | | 7.37 | ug/L |
| 000565-75-3 | Pentane, 2,3,4-trimethyl- | 120 | J | | 7.98 | ug/L |
| 000560-21-4 | Pentane, 2,3,3-trimethyl- | 200 | J | | 8.10 | ug/L |
| 98-82-8 | Isopropylbenzene | 68.2 | J | | 11.0 | ug/L |
| 103-65-1 | n-propylbenzene | 160 | J | | 11.3 | ug/L |

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|---|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 0.86 | J | | 11.7 | ug/L |
| 135-98-8 | sec-Butylbenzene | 14.2 | J | | 11.9 | ug/L |
| 000611-15-4 | Benzene, 1-ethenyl-2-methyl- | 220 | J | | 12.2 | ug/L |
| 104-51-8 | n-Butylbenzene | 17.3 | J | | 12.3 | ug/L |
| 000934-80-5 | Benzene, 4-ethyl-1,2-dimethyl- | 42.7 | J | | 12.6 | ug/L |
| 000768-49-0 | Benzene, (2-methyl-1-propenyl)- | 68.8 | J | | 12.7 | ug/L |
| 000527-53-7 | Benzene, 1,2,3,5-tetramethyl- | 74.9 | J | | 12.9 | ug/L |
| 000824-90-8 | 1-Phenyl-1-butene | 57.3 | J | | 13.3 | ug/L |
| 91-20-3 | Naphthalene | 2.80 | J | | 13.8 | ug/L |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products