

## Report of Analysis

Client: G Environmental  
Project: Lexington  
Client Sample ID: SB3A  
Lab Sample ID: Q3784-03  
Analytical Method: 8260D  
Sample Wt/Vol: 7.03 g

Soil Aliquot Vol: 100 uL  
Level: MED  
Final Vol: 10000 uL

Date Collected: 12/04/25  
Date Received: 12/04/25  
SDG No.: Q3784  
Matrix: SOIL  
% Solid: 85.6  
Test: VOCMS Group1

| CAS Number     | Parameter                      | Conc.  | Qua. | DF | MDL   | LOQ / CRQL | Units | Date Ana.      | BatchID  |
|----------------|--------------------------------|--------|------|----|-------|------------|-------|----------------|----------|
| <b>TARGETS</b> |                                |        |      |    |       |            |       |                |          |
| 75-71-8        | Dichlorodifluoromethane        | 1900   | U    | 20 | 1900  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 74-87-3        | Chloromethane                  | 1900   | U    | 20 | 1900  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 75-01-4        | Vinyl Chloride                 | 1300   | U    | 20 | 1300  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 74-83-9        | Bromomethane                   | 1800   | U    | 20 | 1800  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 75-00-3        | Chloroethane                   | 2100   | U    | 20 | 2100  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 75-69-4        | Trichlorofluoromethane         | 2000   | U    | 20 | 2000  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 1800   | U    | 20 | 1800  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 75-65-0        | Tert butyl alcohol             | 22800  | U    | 20 | 22800 | 41500      | ug/Kg | 12/09/25 14:05 | VN120925 |
| 75-35-4        | 1,1-Dichloroethene             | 1700   | U    | 20 | 1700  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 67-64-1        | Acetone                        | 7900   | U    | 20 | 7900  | 41500      | ug/Kg | 12/09/25 14:05 | VN120925 |
| 75-15-0        | Carbon Disulfide               | 1800   | U    | 20 | 1800  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 1634-04-4      | Methyl tert-butyl Ether        | 1200   | U    | 20 | 1200  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 79-20-9        | Methyl Acetate                 | 2600   | U    | 20 | 2600  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 75-09-2        | Methylene Chloride             | 5900   | U    | 20 | 5900  | 16600      | ug/Kg | 12/09/25 14:05 | VN120925 |
| 156-60-5       | trans-1,2-Dichloroethene       | 1400   | U    | 20 | 1400  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 75-34-3        | 1,1-Dichloroethane             | 1300   | U    | 20 | 1300  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 110-82-7       | Cyclohexane                    | 33600  |      | 20 | 1300  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 78-93-3        | 2-Butanone                     | 10900  | U    | 20 | 10900 | 41500      | ug/Kg | 12/09/25 14:05 | VN120925 |
| 56-23-5        | Carbon Tetrachloride           | 1600   | U    | 20 | 1600  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 156-59-2       | cis-1,2-Dichloroethene         | 1200   | U    | 20 | 1200  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 74-97-5        | Bromochloromethane             | 1900   | U    | 20 | 1900  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 67-66-3        | Chloroform                     | 1400   | U    | 20 | 1400  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 71-55-6        | 1,1,1-Trichloroethane          | 1500   | U    | 20 | 1500  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 108-87-2       | Methylcyclohexane              | 247000 |      | 20 | 1500  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 71-43-2        | Benzene                        | 1300   | U    | 20 | 1300  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 107-06-2       | 1,2-Dichloroethane             | 1300   | U    | 20 | 1300  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 79-01-6        | Trichloroethene                | 1300   | U    | 20 | 1300  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 78-87-5        | 1,2-Dichloropropane            | 1500   | U    | 20 | 1500  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 75-27-4        | Bromodichloromethane           | 1300   | U    | 20 | 1300  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 108-10-1       | 4-Methyl-2-Pentanone           | 5900   | U    | 20 | 5900  | 41500      | ug/Kg | 12/09/25 14:05 | VN120925 |
| 108-88-3       | Toluene                        | 22900  |      | 20 | 1300  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 10061-02-6     | t-1,3-Dichloropropene          | 1100   | U    | 20 | 1100  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 10061-01-5     | cis-1,3-Dichloropropene        | 1000   | U    | 20 | 1000  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 79-00-5        | 1,1,2-Trichloroethane          | 1500   | U    | 20 | 1500  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 591-78-6       | 2-Hexanone                     | 6100   | U    | 20 | 6100  | 41500      | ug/Kg | 12/09/25 14:05 | VN120925 |
| 124-48-1       | Dibromochloromethane           | 1400   | U    | 20 | 1400  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 106-93-4       | 1,2-Dibromoethane              | 1500   | U    | 20 | 1500  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 127-18-4       | Tetrachloroethene              | 1700   | U    | 20 | 1700  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 108-90-7       | Chlorobenzene                  | 1500   | U    | 20 | 1500  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 100-41-4       | Ethyl Benzene                  | 33100  |      | 20 | 1100  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 179601-23-1    | m/p-Xylenes                    | 2100   | U    | 20 | 2100  | 16600      | ug/Kg | 12/09/25 14:05 | VN120925 |
| 95-47-6        | o-Xylene                       | 1400   | U    | 20 | 1400  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 100-42-5       | Styrene                        | 1200   | U    | 20 | 1200  | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |

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|------------|-----------------------------|-------|------|----|------|------------|-------|----------------|----------|
| 75-25-2    | Bromoform                   | 1400  | U    | 20 | 1400 | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 98-82-8    | Isopropylbenzene            | 21400 |      | 20 | 1300 | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 79-34-5    | 1,1,2,2-Tetrachloroethane   | 2000  | U    | 20 | 2000 | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 541-73-1   | 1,3-Dichlorobenzene         | 2800  | U    | 20 | 2800 | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 106-46-7   | 1,4-Dichlorobenzene         | 2600  | U    | 20 | 2600 | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 95-50-1    | 1,2-Dichlorobenzene         | 2400  | U    | 20 | 2400 | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 96-12-8    | 1,2-Dibromo-3-Chloropropane | 3100  | U    | 20 | 3100 | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 120-82-1   | 1,2,4-Trichlorobenzene      | 4900  | U    | 20 | 4900 | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |
| 87-61-6    | 1,2,3-Trichlorobenzene      | 5300  | U    | 20 | 5300 | 8300       | ug/Kg | 12/09/25 14:05 | VN120925 |

### SURROGATES

|            |                       |      |   |  |                     |      |         |
|------------|-----------------------|------|---|--|---------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 59.6 |   |  | 70 (63) - 130 (155) | 119% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 50.5 |   |  | 70 (70) - 130 (134) | 101% | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 56.5 |   |  | 70 (74) - 130 (123) | 113% | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 67.4 | * |  | 70 (52) - 130 (138) | 135% | SPK: 50 |

### INTERNAL STANDARDS

#### Area Count

|           |                        |        |
|-----------|------------------------|--------|
| 363-72-4  | Pentafluorobenzene     | 229000 |
| 540-36-3  | 1,4-Difluorobenzene    | 515000 |
| 3114-55-4 | Chlorobenzene-d5       | 538000 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 267000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                    |        |   |  |      |       |
|-------------|------------------------------------|--------|---|--|------|-------|
| 000142-82-5 | Heptane                            | 108000 | J |  | 8.95 | ug/Kg |
| 000592-27-8 | Heptane, 2-methyl-                 | 199000 | J |  | 10.2 | ug/Kg |
| 000589-81-1 | Heptane, 3-methyl-                 | 150000 | J |  | 10.3 | ug/Kg |
| 002207-03-6 | Cyclohexane, 1,3-dimethyl-, trans- | 83300  | J |  | 11.0 | ug/Kg |
| 002216-30-0 | Heptane, 2,5-dimethyl-             | 85600  | J |  | 11.2 | ug/Kg |
| 003073-66-3 | Cyclohexane, 1,1,3-trimethyl-      | 86800  | J |  | 11.4 | ug/Kg |
| 002216-33-3 | Octane, 3-methyl-                  | 121000 | J |  | 11.7 | ug/Kg |
| 002051-30-1 | Octane, 2,6-dimethyl-              | 80200  | J |  | 12.5 | ug/Kg |
| 103-65-1    | n-propylbenzene                    | 52900  | J |  | 13.0 | ug/Kg |
| 135-98-8    | sec-Butylbenzene                   | 8400   | J |  | 13.6 | ug/Kg |
| 99-87-6     | p-Isopropyltoluene                 | 7700   | J |  | 13.7 | ug/Kg |
| 104-51-8    | n-Butylbenzene                     | 15700  | J |  | 14.0 | ug/Kg |
| 001758-88-9 | Benzene, 2-ethyl-1,4-dimethyl-     | 90500  | J |  | 14.3 | ug/Kg |
| 002039-89-6 | Benzene, 2-ethenyl-1,4-dimethyl-   | 105000 | J |  | 15.0 | ug/Kg |
| 91-20-3     | Naphthalene                        | 6200   | J |  | 15.6 | ug/Kg |

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