

## Report of Analysis

|                    |                 |           |                 |               |    |
|--------------------|-----------------|-----------|-----------------|---------------|----|
| Client:            | G Environmental |           | Date Collected: | 03/27/25      |    |
| Project:           | Stockton        |           | Date Received:  | 03/28/25      |    |
| Client Sample ID:  | T1              |           | SDG No.:        | Q1675         |    |
| Lab Sample ID:     | Q1675-07        |           | Matrix:         | SOIL          |    |
| Analytical Method: | SW8260          |           | % Solid:        | 92.8          |    |
| Sample Wt/Vol:     | 2.16            | Units: g  | Final Vol:      | 5000          | uL |
| Soil Aliquot Vol:  |                 | uL        | Test:           | VOC-TCLVOA-10 |    |
| GC Column:         | RXI-624         | ID : 0.25 | Level :         | LOW           |    |
| Prep Method :      |                 |           |                 |               |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY021721.D        | 1         |           | 03/31/25 15:48 | VY033125      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 75-71-8        | Dichlorodifluoromethane        | 2.80  | U         | 2.80 | 12.5       | ug/Kg             |
| 74-87-3        | Chloromethane                  | 2.80  | U         | 2.80 | 12.5       | ug/Kg             |
| 75-01-4        | Vinyl Chloride                 | 2.00  | U         | 2.00 | 12.5       | ug/Kg             |
| 74-83-9        | Bromomethane                   | 2.70  | U         | 2.70 | 12.5       | ug/Kg             |
| 75-00-3        | Chloroethane                   | 3.10  | U         | 3.10 | 12.5       | ug/Kg             |
| 75-69-4        | Trichlorofluoromethane         | 3.00  | U         | 3.00 | 12.5       | ug/Kg             |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 2.60  | U         | 2.60 | 12.5       | ug/Kg             |
| 75-35-4        | 1,1-Dichloroethene             | 2.50  | U         | 2.50 | 12.5       | ug/Kg             |
| 67-64-1        | Acetone                        | 11.8  | U         | 11.8 | 62.4       | ug/Kg             |
| 75-15-0        | Carbon Disulfide               | 2.60  | U         | 2.60 | 12.5       | ug/Kg             |
| 1634-04-4      | Methyl tert-butyl Ether        | 1.80  | U         | 1.80 | 12.5       | ug/Kg             |
| 79-20-9        | Methyl Acetate                 | 3.80  | U         | 3.80 | 12.5       | ug/Kg             |
| 75-09-2        | Methylene Chloride             | 8.80  | U         | 8.80 | 24.9       | ug/Kg             |
| 156-60-5       | trans-1,2-Dichloroethene       | 2.10  | U         | 2.10 | 12.5       | ug/Kg             |
| 75-34-3        | 1,1-Dichloroethane             | 2.00  | U         | 2.00 | 12.5       | ug/Kg             |
| 110-82-7       | Cyclohexane                    | 2.00  | U         | 2.00 | 12.5       | ug/Kg             |
| 78-93-3        | 2-Butanone                     | 16.3  | U         | 16.3 | 62.4       | ug/Kg             |
| 56-23-5        | Carbon Tetrachloride           | 2.40  | U         | 2.40 | 12.5       | ug/Kg             |
| 156-59-2       | cis-1,2-Dichloroethene         | 1.90  | U         | 1.90 | 12.5       | ug/Kg             |
| 74-97-5        | Bromochloromethane             | 2.90  | U         | 2.90 | 12.5       | ug/Kg             |
| 67-66-3        | Chloroform                     | 2.10  | U         | 2.10 | 12.5       | ug/Kg             |
| 71-55-6        | 1,1,1-Trichloroethane          | 2.30  | U         | 2.30 | 12.5       | ug/Kg             |
| 108-87-2       | Methylcyclohexane              | 2.30  | U         | 2.30 | 12.5       | ug/Kg             |
| 71-43-2        | Benzene                        | 2.00  | U         | 2.00 | 12.5       | ug/Kg             |
| 107-06-2       | 1,2-Dichloroethane             | 2.00  | U         | 2.00 | 12.5       | ug/Kg             |
| 79-01-6        | Trichloroethene                | 2.00  | U         | 2.00 | 12.5       | ug/Kg             |
| 78-87-5        | 1,2-Dichloropropane            | 2.30  | U         | 2.30 | 12.5       | ug/Kg             |
| 75-27-4        | Bromodichloromethane           | 1.90  | U         | 1.90 | 12.5       | ug/Kg             |
| 108-10-1       | 4-Methyl-2-Pentanone           | 8.90  | U         | 8.90 | 62.4       | ug/Kg             |
| 108-88-3       | Toluene                        | 1.90  | U         | 1.90 | 12.5       | ug/Kg             |

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| Client Sample ID:  | T1              |        |      | SDG No.:        | Q1675         |
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| Analytical Method: | SW8260          |        |      | % Solid:        | 92.8          |
| Sample Wt/Vol:     | 2.16            | Units: | g    | Final Vol:      | 5000 uL       |
| Soil Aliquot Vol:  |                 |        | uL   | Test:           | VOC-TCLVOA-10 |
| GC Column:         | RXI-624         | ID :   | 0.25 | Level :         | LOW           |
| Prep Method :      |                 |        |      |                 |               |

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| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY021721.D        | 1         |           | 03/31/25 15:48 | VY033125      |

| CAS Number  | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|-------------|-----------------------------|-------|-----------|------|------------|-------------------|
| 10061-02-6  | t-1,3-Dichloropropene       | 1.60  | U         | 1.60 | 12.5       | ug/Kg             |
| 10061-01-5  | cis-1,3-Dichloropropene     | 1.50  | U         | 1.50 | 12.5       | ug/Kg             |
| 79-00-5     | 1,1,2-Trichloroethane       | 2.30  | U         | 2.30 | 12.5       | ug/Kg             |
| 591-78-6    | 2-Hexanone                  | 9.20  | U         | 9.20 | 62.4       | ug/Kg             |
| 124-48-1    | Dibromochloromethane        | 2.20  | U         | 2.20 | 12.5       | ug/Kg             |
| 106-93-4    | 1,2-Dibromoethane           | 2.20  | U         | 2.20 | 12.5       | ug/Kg             |
| 127-18-4    | Tetrachloroethene           | 2.60  | U         | 2.60 | 12.5       | ug/Kg             |
| 108-90-7    | Chlorobenzene               | 2.30  | U         | 2.30 | 12.5       | ug/Kg             |
| 100-41-4    | Ethyl Benzene               | 1.70  | U         | 1.70 | 12.5       | ug/Kg             |
| 179601-23-1 | m/p-Xylenes                 | 3.10  | U         | 3.10 | 24.9       | ug/Kg             |
| 95-47-6     | o-Xylene                    | 2.00  | U         | 2.00 | 12.5       | ug/Kg             |
| 100-42-5    | Styrene                     | 1.80  | U         | 1.80 | 12.5       | ug/Kg             |
| 75-25-2     | Bromoform                   | 2.10  | U         | 2.10 | 12.5       | ug/Kg             |
| 98-82-8     | Isopropylbenzene            | 1.90  | U         | 1.90 | 12.5       | ug/Kg             |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | 3.00  | U         | 3.00 | 12.5       | ug/Kg             |
| 541-73-1    | 1,3-Dichlorobenzene         | 4.30  | U         | 4.30 | 12.5       | ug/Kg             |
| 106-46-7    | 1,4-Dichlorobenzene         | 3.90  | U         | 3.90 | 12.5       | ug/Kg             |
| 95-50-1     | 1,2-Dichlorobenzene         | 3.60  | U         | 3.60 | 12.5       | ug/Kg             |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | 4.60  | U         | 4.60 | 12.5       | ug/Kg             |
| 120-82-1    | 1,2,4-Trichlorobenzene      | 7.40  | U         | 7.40 | 12.5       | ug/Kg             |
| 87-61-6     | 1,2,3-Trichlorobenzene      | 7.90  | U         | 7.90 | 12.5       | ug/Kg             |

## SURROGATES

|            |                       |      |                     |      |         |
|------------|-----------------------|------|---------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 54.2 | 70 (63) - 130 (155) | 108% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 50.9 | 70 (70) - 130 (134) | 102% | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 50.1 | 70 (74) - 130 (123) | 100% | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 50.2 | 70 (38) - 130 (136) | 100% | SPK: 50 |

## INTERNAL STANDARDS

|           |                        |        |        |
|-----------|------------------------|--------|--------|
| 363-72-4  | Pentafluorobenzene     | 241000 | 7.707  |
| 540-36-3  | 1,4-Difluorobenzene    | 454000 | 8.616  |
| 3114-55-4 | Chlorobenzene-d5       | 421000 | 11.414 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 186000 | 13.346 |

### TENTATIVE IDENTIFIED COMPOUNDS

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|--------------|------------------------------------|-------|-----------|-----|------------|-------------------|
|              | unknown1.812                       | 18.3  | J         |     | 1.81       | ug/Kg             |
| 1000382-54-5 | Carbonic acid, tetradecyl vinyl es | 26.8  | J         |     | 13.2       | ug/Kg             |
| 017301-28-9  | Undecane, 3,6-dimethyl-            | 40.9  | J         |     | 13.4       | ug/Kg             |
| 1000309-15-6 | Sulfurous acid, hexyl 2-pentyl est | 16.4  | J         |     | 13.6       | ug/Kg             |
| 1000383-13-8 | Carbonic acid, 2-ethylhexyl undecy | 31.1  | J         |     | 14.3       | ug/Kg             |
| 001008-80-6  | Naphthalene, decahydro-2,3-dimethy | 19.3  | J         |     | 14.8       | ug/Kg             |
| 1000406-37-6 | Nonyl tetradecyl ether             | 13.4  | J         |     | 15.1       | ug/Kg             |
|              | unknown15.511                      | 27.1  | J         |     | 15.5       | ug/Kg             |
| 054832-83-6  | 1H-Indene, octahydro-2,2,4,4,7,7-h | 37.7  | J         |     | 16.6       | 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