

## Report of Analysis

|                    |                              |                 |              |
|--------------------|------------------------------|-----------------|--------------|
| Client:            | CDM Smith                    | Date Collected: | 04/28/25     |
| Project:           | Con Ed UTEN Mount Vernon, NY | Date Received:  | 04/29/25     |
| Client Sample ID:  | SS-91                        | SDG No.:        | Q1914        |
| Lab Sample ID:     | Q1914-02                     | Matrix:         | SOIL         |
| Analytical Method: | SW8260                       | % Solid:        | 86.5         |
| Sample Wt/Vol:     | 7.6 Units: g                 | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                           | Test:           | VOCMS Group3 |
| GC Column:         | RXI-624 ID : 0.25            | Level :         | LOW          |
| Prep Method :      |                              |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY022108.D        | 1         |           | 05/01/25 15:28 | VY050125      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 3.80   | U         | 0.60     | 3.80       | ug/Kg             |
| 108-88-3                  | Toluene                | 3.80   | U         | 0.59     | 3.80       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 3.80   | U         | 0.51     | 3.80       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 11.4   | U         | 1.56     | 11.4       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 3.80   | U         | 0.59     | 3.80       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 3.80   | U         | 0.56     | 3.80       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 0.87   | J         | 0.62     | 3.80       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.80   | U         | 0.51     | 3.80       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 3.80   | U         | 0.49     | 3.80       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 3.80   | U         | 0.50     | 3.80       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 3.80   | U         | 0.47     | 3.80       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 3.80   | U         | 1.10     | 3.80       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 43.1   |           | 63 - 155 | 86%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 46.8   |           | 70 - 134 | 94%        | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.4   |           | 74 - 123 | 97%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 44.5   |           | 38 - 136 | 89%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 377000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 687000 | 8.615     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 619000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 255000 | 13.346    |          |            |                   |

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