

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | CDM Smith                         | Date Collected: | 05/16/25             |
| Project:           | Con Ed UTEN Mount Vernon, NY      | Date Received:  | 05/16/25             |
| Client Sample ID:  | SS-MW1-11.5                       | SDG No.:        | Q2075                |
| Lab Sample ID:     | Q2075-06                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 91                   |
| Sample Wt/Vol:     | 7.04      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 |
| VY022403.D        | 1         |           | 05/22/25 18:03 | VY052225      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 71-43-2                   | Benzene                | 9.40   |           | 0.62     | 3.90       | ug/Kg             |
| 108-88-3                  | Toluene                | 44.7   |           | 0.61     | 3.90       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 18.9   |           | 0.52     | 3.90       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 1510   | E         | 1.61     | 11.7       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 40.5   |           | 0.61     | 3.90       | ug/Kg             |
| 103-65-1                  | n-propylbenzene        | 56.3   |           | 0.57     | 3.90       | ug/Kg             |
| 108-67-8                  | 1,3,5-Trimethylbenzene | 770    | E         | 0.64     | 3.90       | ug/Kg             |
| 98-06-6                   | tert-Butylbenzene      | 3.90   | U         | 0.52     | 3.90       | ug/Kg             |
| 95-63-6                   | 1,2,4-Trimethylbenzene | 740    | E         | 0.50     | 3.90       | ug/Kg             |
| 135-98-8                  | sec-Butylbenzene       | 66.3   |           | 0.52     | 3.90       | ug/Kg             |
| 99-87-6                   | p-Isopropyltoluene     | 52.3   |           | 0.48     | 3.90       | ug/Kg             |
| 104-51-8                  | n-Butylbenzene         | 71.9   |           | 1.10     | 3.90       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 44.5   |           | 63 - 155 | 89%        | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.4   |           | 70 - 134 | 101%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 55.4   |           | 74 - 123 | 111%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 49.9   |           | 38 - 136 | 100%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 235000 | 7.719     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 408000 | 8.622     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 331000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 156000 | 13.353    |          |            |                   |

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