

## 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-8MSD                      | SDG No.:        | Q1914         |
| Lab Sample ID:     | Q1914-11MSD                  | Matrix:         | SOIL          |
| Analytical Method: | 8270E                        | % Solid:        | 92.4          |
| Sample Wt/Vol:     | 30.04      Units: g          | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                           | Test:           | SVOCMS Group3 |
| Extraction Type :  | Decanted : N                 | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0             | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541                       |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050084.D        | 1         | 04/30/25 11:00 | 05/02/25 14:00 | PB167803      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

### TARGETS

|          |                        |      |   |      |     |       |
|----------|------------------------|------|---|------|-----|-------|
| 91-20-3  | Naphthalene            | 3300 | E | 24.5 | 180 | ug/Kg |
| 208-96-8 | Acenaphthylene         | 1400 |   | 31.2 | 180 | ug/Kg |
| 83-32-9  | Acenaphthene           | 1500 |   | 23.0 | 180 | ug/Kg |
| 86-73-7  | Fluorene               | 1700 |   | 27.3 | 180 | ug/Kg |
| 85-01-8  | Phenanthrene           | 2500 |   | 22.6 | 180 | ug/Kg |
| 120-12-7 | Anthracene             | 1700 |   | 36.0 | 180 | ug/Kg |
| 206-44-0 | Fluoranthene           | 3100 | E | 32.4 | 180 | ug/Kg |
| 129-00-0 | Pyrene                 | 2700 |   | 38.9 | 180 | ug/Kg |
| 56-55-3  | Benzo(a)anthracene     | 2300 |   | 24.9 | 180 | ug/Kg |
| 218-01-9 | Chrysene               | 2200 |   | 21.5 | 180 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene   | 2200 |   | 20.5 | 180 | ug/Kg |
| 207-08-9 | Benzo(k)fluoranthene   | 1700 |   | 24.2 | 180 | ug/Kg |
| 50-32-8  | Benzo(a)pyrene         | 2100 |   | 31.9 | 180 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1900 |   | 31.5 | 180 | ug/Kg |
| 53-70-3  | Dibenzo(a,h)anthracene | 1700 |   | 29.6 | 180 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene   | 2000 |   | 27.8 | 180 | ug/Kg |

### SURROGATES

|           |                  |      |  |          |     |          |
|-----------|------------------|------|--|----------|-----|----------|
| 4165-60-0 | Nitrobenzene-d5  | 94.8 |  | 18 - 107 | 95% | SPK: 100 |
| 321-60-8  | 2-Fluorobiphenyl | 48.5 |  | 20 - 109 | 48% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14    | 43.2 |  | 10 - 105 | 43% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 319000  | 7.751  |
| 1146-65-2  | Naphthalene-d8         | 669000  | 10.557 |
| 15067-26-2 | Acenaphthene-d10       | 587000  | 14.41  |
| 1517-22-2  | Phenanthrene-d10       | 1130000 | 17.157 |
| 1719-03-5  | Chrysene-d12           | 1240000 | 21.386 |
| 1520-96-3  | Perylene-d12           | 1410000 | 24.374 |

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|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

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