

## 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-4                         | SDG No.:        | Q1914         |
| Lab Sample ID:     | Q1914-05                     | Matrix:         | SOIL          |
| Analytical Method: | 8270E                        | % Solid:        | 86.5          |
| Sample Wt/Vol:     | 30.01      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 |
| BM050072.D        | 1         | 04/30/25 11:00 | 05/01/25 20:00 | PB167803      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |         |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 200     | U         | 26.2     | 200        | ug/Kg             |
| 208-96-8                  | Acenaphthylene         | 200     | U         | 33.4     | 200        | ug/Kg             |
| 83-32-9                   | Acenaphthene           | 200     | U         | 24.6     | 200        | ug/Kg             |
| 86-73-7                   | Fluorene               | 200     | U         | 29.2     | 200        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 300     |           | 24.2     | 200        | ug/Kg             |
| 120-12-7                  | Anthracene             | 200     | U         | 38.5     | 200        | ug/Kg             |
| 206-44-0                  | Fluoranthene           | 630     |           | 34.7     | 200        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 520     |           | 41.6     | 200        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 320     |           | 26.6     | 200        | ug/Kg             |
| 218-01-9                  | Chrysene               | 310     |           | 23.0     | 200        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 450     |           | 22.0     | 200        | ug/Kg             |
| 207-08-9                  | Benzo(k)fluoranthene   | 130     | J         | 25.9     | 200        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 330     |           | 34.1     | 200        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 190     | J         | 33.6     | 200        | ug/Kg             |
| 53-70-3                   | Dibenzo(a,h)anthracene | 200     | U         | 31.7     | 200        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 250     |           | 29.7     | 200        | ug/Kg             |
| <b>SURROGATES</b>         |                        |         |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 41.7    |           | 18 - 107 | 42%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 38.3    |           | 20 - 109 | 38%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 35.7    |           | 10 - 105 | 36%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 267000  |           | 7.745    |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 987000  |           | 10.539   |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 682000  |           | 14.392   |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 1410000 |           | 17.139   |            |                   |
| 1719-03-5                 | Chrysene-d12           | 1410000 |           | 21.38    |            |                   |
| 1520-96-3                 | Perylene-d12           | 1420000 |           | 24.368   |            |                   |

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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