

## Report of Analysis

|                    |                        |                 |               |
|--------------------|------------------------|-----------------|---------------|
| Client:            | Nobis Group            | Date Collected: | 05/01/25      |
| Project:           | Raymark Superfund Site | Date Received:  | 05/01/25      |
| Client Sample ID:  | MH-QMSD                | SDG No.:        | Q1883         |
| Lab Sample ID:     | Q1928-01MSD            | Matrix:         | SOIL          |
| Analytical Method: | SW8270                 | % Solid:        | 87.1          |
| Sample Wt/Vol:     | 50.02 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 |
| BP024527.D        | 1         | 05/02/25 10:10 | 05/05/25 16:05 | PB167836      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOD   | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|----------|-------|------------|-------------------|
| <b>TARGETS</b>            |                        |         |           |          |       |            |                   |
| 91-20-3                   | Naphthalene            | 0.99    |           | 0.016    | 0.090 | 0.12       | mg/Kg             |
| 91-57-6                   | 2-Methylnaphthalene    | 0.92    |           | 0.018    | 0.090 | 0.12       | mg/Kg             |
| 208-96-8                  | Acenaphthylene         | 1.10    |           | 0.020    | 0.090 | 0.12       | mg/Kg             |
| 83-32-9                   | Acenaphthene           | 1.00    |           | 0.015    | 0.090 | 0.12       | mg/Kg             |
| 86-73-7                   | Fluorene               | 1.10    |           | 0.017    | 0.090 | 0.12       | mg/Kg             |
| 85-01-8                   | Phenanthrene           | 1.10    |           | 0.014    | 0.090 | 0.12       | mg/Kg             |
| 120-12-7                  | Anthracene             | 1.10    |           | 0.023    | 0.090 | 0.12       | mg/Kg             |
| 206-44-0                  | Fluoranthene           | 1.10    |           | 0.021    | 0.090 | 0.12       | mg/Kg             |
| 129-00-0                  | Pyrene                 | 1.00    |           | 0.025    | 0.090 | 0.12       | mg/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 1.10    |           | 0.016    | 0.090 | 0.12       | mg/Kg             |
| 218-01-9                  | Chrysene               | 1.10    |           | 0.014    | 0.090 | 0.12       | mg/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 1.10    |           | 0.013    | 0.090 | 0.12       | mg/Kg             |
| 207-08-9                  | Benzo(k)fluoranthene   | 1.10    |           | 0.015    | 0.090 | 0.12       | mg/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 1.20    |           | 0.020    | 0.090 | 0.12       | mg/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 1.20    |           | 0.020    | 0.090 | 0.12       | mg/Kg             |
| 53-70-3                   | Dibenzo(a,h)anthracene | 1.10    |           | 0.019    | 0.090 | 0.12       | mg/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 1.10    |           | 0.018    | 0.090 | 0.12       | mg/Kg             |
| <b>SURROGATES</b>         |                        |         |           |          |       |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 46.1    |           | 37 - 122 |       | 46%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 42.2    | *         | 44 - 115 |       | 42%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 44.6    | *         | 54 - 127 |       | 45%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |       |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 169000  | 7.71      |          |       |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 693000  | 10.481    |          |       |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 426000  | 14.34     |          |       |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 860000  | 17.139    |          |       |            |                   |
| 1719-03-5                 | Chrysene-d12           | 975000  | 21.58     |          |       |            |                   |
| 1520-96-3                 | Perylene-d12           | 1090000 | 24.91     |          |       |            |                   |

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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