

## Report of Analysis

|                    |                        |                 |               |
|--------------------|------------------------|-----------------|---------------|
| Client:            | Nobis Group            | Date Collected: | 12/12/24      |
| Project:           | Raymark Superfund Site | Date Received:  | 12/17/24      |
| Client Sample ID:  | OU4-VSL-09-121224      | SDG No.:        | P5306         |
| Lab Sample ID:     | P5306-05               | Matrix:         | SOIL          |
| Analytical Method: | SW8270                 | % Solid:        | 90.1          |
| Sample Wt/Vol:     | 30.07 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 |
| BF140954.D        | 1         | 12/18/24 08:56 | 12/20/24 16:48 | PB165705      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |      |            |                   |
| 91-20-3                   | Naphthalene            | 0.14   | U         | 0.092    | 0.14 | 0.19       | mg/Kg             |
| 91-57-6                   | 2-Methylnaphthalene    | 0.14   | U         | 0.091    | 0.14 | 0.19       | mg/Kg             |
| 208-96-8                  | Acenaphthylene         | 0.14   | U         | 0.096    | 0.14 | 0.19       | mg/Kg             |
| 83-32-9                   | Acenaphthene           | 0.14   | U         | 0.090    | 0.14 | 0.19       | mg/Kg             |
| 86-73-7                   | Fluorene               | 0.14   | U         | 0.095    | 0.14 | 0.19       | mg/Kg             |
| 85-01-8                   | Phenanthrene           | 0.14   | U         | 0.093    | 0.14 | 0.19       | mg/Kg             |
| 120-12-7                  | Anthracene             | 0.14   | U         | 0.094    | 0.14 | 0.19       | mg/Kg             |
| 206-44-0                  | Fluoranthene           | 0.14   | U         | 0.091    | 0.14 | 0.19       | mg/Kg             |
| 129-00-0                  | Pyrene                 | 0.14   | U         | 0.092    | 0.14 | 0.19       | mg/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 0.14   | U         | 0.089    | 0.14 | 0.19       | mg/Kg             |
| 218-01-9                  | Chrysene               | 0.14   | U         | 0.088    | 0.14 | 0.19       | mg/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 0.14   | U         | 0.090    | 0.14 | 0.19       | mg/Kg             |
| 207-08-9                  | Benzo(k)fluoranthene   | 0.14   | U         | 0.092    | 0.14 | 0.19       | mg/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 0.14   | U         | 0.10     | 0.14 | 0.19       | mg/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 0.14   | U         | 0.087    | 0.14 | 0.19       | mg/Kg             |
| 53-70-3                   | Dibenzo(a,h)anthracene | 0.14   | U         | 0.090    | 0.14 | 0.19       | mg/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 0.14   | U         | 0.089    | 0.14 | 0.19       | mg/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |      |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 111    |           | 37 - 122 |      | 111%       | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 107    |           | 44 - 115 |      | 107%       | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 91.5   |           | 54 - 127 |      | 91%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |      |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 47900  | 6.845     |          |      |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 188000 | 8.128     |          |      |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 108000 | 9.88      |          |      |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 210000 | 11.374    |          |      |            |                   |
| 1719-03-5                 | Chrysene-d12           | 160000 | 14.027    |          |      |            |                   |
| 1520-96-3                 | Perylene-d12           | 119000 | 15.521    |          |      |            |                   |

### TENTATIVE IDENTIFIED COMPOUNDS

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|------------|------------|-------|-----------|-----|-----|------------|-------------------|
| 15972-60-8 | ALACHLOR   | N.D   |           |     |     |            |                   |
| 82-68-8    | Quintozone | N.D   |           |     |     |            |                   |

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