Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/31/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/31/25 |
| Client Sample ID: | VNJ-253MS | SDG No.: | Q2747 |
| Lab Sample ID: | Q2734-01MS | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 90.1 |
| Sample Wt/Vol: | 50.05 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 |
|---|---|---|---|---|
| BF143313.D | 2 | 08/04/25 09:20 | 08/05/25 13:59 | PB169095 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units(Dry Weight) |
|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | |
| 91-20-3 | Naphthalene | 0.88 | | 0.030 | 0.17 | 0.23 | mg/Kg |
| 91-57-6 | 2-Methylnaphthalene | 0.87 | | 0.034 | 0.17 | 0.23 | mg/Kg |
| 208-96-8 | Acenaphthylene | 0.88 | | 0.039 | 0.17 | 0.23 | mg/Kg |
| 83-32-9 | Acenaphthene | 0.89 | | 0.028 | 0.17 | 0.23 | mg/Kg |
| 86-73-7 | Fluorene | 0.86 | | 0.034 | 0.17 | 0.23 | mg/Kg |
| 85-01-8 | Phenanthrene | 1.20 | | 0.028 | 0.17 | 0.23 | mg/Kg |
| 120-12-7 | Anthracene | 0.97 | | 0.044 | 0.17 | 0.23 | mg/Kg |
| 206-44-0 | Fluoranthene | 2.00 | | 0.040 | 0.17 | 0.23 | mg/Kg |
| 129-00-0 | Pyrene | 1.50 | | 0.048 | 0.17 | 0.23 | mg/Kg |
| 56-55-3 | Benzo(a)anthracene | 1.40 | | 0.031 | 0.17 | 0.23 | mg/Kg |
| 218-01-9 | Chrysene | 1.30 | | 0.027 | 0.17 | 0.23 | mg/Kg |
| 205-99-2 | Benzo(b)fluoranthene | 1.50 | | 0.025 | 0.17 | 0.23 | mg/Kg |
| 207-08-9 | Benzo(k)fluoranthene | 1.30 | | 0.030 | 0.17 | 0.23 | mg/Kg |
| 50-32-8 | Benzo(a)pyrene | 1.30 | | 0.039 | 0.17 | 0.23 | mg/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 0.83 | | 0.039 | 0.17 | 0.23 | mg/Kg |
| 53-70-3 | Dibenzo(a,h)anthracene | 0.73 | | 0.037 | 0.17 | 0.23 | mg/Kg |
| 191-24-2 | Benzo(g,h,i)perylene | 0.86 | | 0.034 | 0.17 | 0.23 | mg/Kg |
| **SURROGATES** | | | | | | | |
| 4165-60-0 | Nitrobenzene-d5 | 56.4 | | 37 - 122 | | 56% | SPK: 100 |
| 321-60-8 | 2-Fluorobiphenyl | 59.0 | | 44 - 115 | | 59% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14 | 47.0 | * | 54 - 127 | | 47% | SPK: 100 |
| **INTERNAL STANDARDS** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 131000 | 6.963 | | | | |
| 1146-65-2 | Naphthalene-d8 | 486000 | 8.245 | | | | |
| 15067-26-2 | Acenaphthene-d10 | 225000 | 10.004 | | | | |
| 1517-22-2 | Phenanthrene-d10 | 312000 | 11.486 | | | | |
| 1719-03-5 | Chrysene-d12 | 241000 | 14.133 | | | | |
| 1520-96-3 | Perylene-d12 | 186000 | 15.645 | | | | |

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Nobis Group | Date Collected: | 07/31/25 |
| Project: | Raymark Superfund Site | Date Received: | 07/31/25 |
| Client Sample ID: | VNJ-253MS | SDG No.: | Q2747 |
| Lab Sample ID: | Q2734-01MS | Matrix: | SOIL |
| Analytical Method: | 8270E | % Solid: | 90.1 |
| Sample Wt/Vol: | 50.05 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 |
|---|---|---|---|---|
| BF143313.D | 2 | 08/04/25 09:20 | 08/05/25 13:59 | PB169095 |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---|---|---|---|---|---|---|---|

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