

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-15-040325MSD	SDG No.:	Q1730
Lab Sample ID:	Q1730-01MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	96.9
Sample Wt/Vol:	30.06 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
BP024232.D	1	04/07/25 08:55	04/09/25 12:56	PB167474

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	1.60		0.023	0.13	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	1.50		0.026	0.13	0.18	mg/Kg
208-96-8	Acenaphthylene	1.80		0.030	0.13	0.18	mg/Kg
83-32-9	Acenaphthene	1.60		0.022	0.13	0.18	mg/Kg
86-73-7	Fluorene	1.70		0.026	0.13	0.18	mg/Kg
85-01-8	Phenanthrene	1.70		0.022	0.13	0.18	mg/Kg
120-12-7	Anthracene	1.80		0.034	0.13	0.18	mg/Kg
206-44-0	Fluoranthene	1.70		0.031	0.13	0.18	mg/Kg
129-00-0	Pyrene	1.70		0.037	0.13	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	1.70		0.024	0.13	0.18	mg/Kg
218-01-9	Chrysene	1.70		0.021	0.13	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.60		0.020	0.13	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.70		0.023	0.13	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	1.80		0.030	0.13	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.70		0.030	0.13	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.70		0.028	0.13	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.70		0.027	0.13	0.18	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	104	35 - 115	69%	SPK: 150
13127-88-3	Phenol-d6	106	34 - 127	71%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1	37 - 122	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.8	44 - 115	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	101	39 - 132	68%	SPK: 150
1718-51-0	Terphenyl-d14	76.7	54 - 127	77%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	287000	7.74
1146-65-2	Naphthalene-d8	1150000	10.516
15067-26-2	Acenaphthene-d10	708000	14.375
1517-22-2	Phenanthrene-d10	1390000	17.198

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1719-03-5	Chrysene-d12	1500000	21.633				
1520-96-3	Perylene-d12	1670000	24.998				

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