

Report of Analysis

Client:	Nobis Group		Date Collected:		
Project:	Raymark Superfund Site		Date Received:		
Client Sample ID:	PB167474BS		SDG No.:	Q1730	
Lab Sample ID:	PB167474BS		Matrix:	SOIL	
Analytical Method:	SW8270		% Solid:	100	
Sample Wt/Vol:	30.02	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
BP024213.D	1	04/07/25 08:55	04/08/25 15:04	PB167474

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

91-20-3	Naphthalene	1.40		0.023	0.13	0.17	mg/Kg
91-57-6	2-Methylnaphthalene	1.30		0.026	0.13	0.17	mg/Kg
208-96-8	Acenaphthylene	1.60		0.029	0.13	0.17	mg/Kg
83-32-9	Acenaphthene	1.50		0.021	0.13	0.17	mg/Kg
86-73-7	Fluorene	1.50		0.025	0.13	0.17	mg/Kg
85-01-8	Phenanthrene	1.50		0.021	0.13	0.17	mg/Kg
120-12-7	Anthracene	1.60		0.033	0.13	0.17	mg/Kg
206-44-0	Fluoranthene	1.50		0.030	0.13	0.17	mg/Kg
129-00-0	Pyrene	1.50		0.036	0.13	0.17	mg/Kg
56-55-3	Benzo(a)anthracene	1.50		0.023	0.13	0.17	mg/Kg
218-01-9	Chrysene	1.50		0.020	0.13	0.17	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.50		0.019	0.13	0.17	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.50		0.022	0.13	0.17	mg/Kg
50-32-8	Benzo(a)pyrene	1.60		0.030	0.13	0.17	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.60		0.029	0.13	0.17	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.60		0.027	0.13	0.17	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.50		0.026	0.13	0.17	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	129		35 - 115		86%	SPK: 150
13127-88-3	Phenol-d6	117		34 - 127		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.1		37 - 122		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.9		44 - 115		83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		39 - 132		89%	SPK: 150
1718-51-0	Terphenyl-d14	89.5		54 - 127		89%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	433000	7.74
1146-65-2	Naphthalene-d8	1660000	10.522
15067-26-2	Acenaphthene-d10	944000	14.387
1517-22-2	Phenanthrene-d10	1780000	17.192

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1719-03-5	Chrysene-d12	1790000	21.645				
1520-96-3	Perylene-d12	1910000	25.033				

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