

Report of Analysis

Client:	Nobis Group	Date Collected:	06/06/25
Project:	Raymark Superfund Site	Date Received:	06/06/25
Client Sample ID:	WC-5MSD	SDG No.:	Q2259
Lab Sample ID:	Q2266-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Test:	SVOCMS Group3
		Final Vol:	1000
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142708.D	1	06/09/25 09:40	06/10/25 13:10	PB168351

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	1.10		0.016	0.089	0.12	mg/Kg
91-57-6	2-Methylnaphthalene	1.00		0.018	0.089	0.12	mg/Kg
208-96-8	Acenaphthylene	1.10		0.020	0.089	0.12	mg/Kg
83-32-9	Acenaphthene	1.20		0.015	0.089	0.12	mg/Kg
86-73-7	Fluorene	1.00		0.017	0.089	0.12	mg/Kg
85-01-8	Phenanthrene	1.10		0.014	0.089	0.12	mg/Kg
120-12-7	Anthracene	1.10		0.023	0.089	0.12	mg/Kg
206-44-0	Fluoranthene	1.20		0.021	0.089	0.12	mg/Kg
129-00-0	Pyrene	1.10		0.025	0.089	0.12	mg/Kg
56-55-3	Benzo(a)anthracene	1.10		0.016	0.089	0.12	mg/Kg
218-01-9	Chrysene	1.10		0.014	0.089	0.12	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.20		0.013	0.089	0.12	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.00		0.015	0.089	0.12	mg/Kg
50-32-8	Benzo(a)pyrene	1.20		0.020	0.089	0.12	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.20		0.020	0.089	0.12	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.20		0.019	0.089	0.12	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.10		0.018	0.089	0.12	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	51.2		37 - 122		51%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.3		44 - 115		53%	SPK: 100
1718-51-0	Terphenyl-d14	54.3		54 - 127		54%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72300	6.892				
1146-65-2	Naphthalene-d8	276000	8.181				
15067-26-2	Acenaphthene-d10	143000	9.933				
1517-22-2	Phenanthrene-d10	234000	11.422				
1719-03-5	Chrysene-d12	166000	14.068				
1520-96-3	Perylene-d12	192000	15.562				

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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