

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-11-121224MSD	SDG No.:	P5306
Lab Sample ID:	P5306-09MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.6
Sample Wt/Vol:	30.08 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
BF140949.D	1	12/18/24 08:56	12/20/24 14:36	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	1.90		0.088	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	1.90		0.088	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	2.10		0.092	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	2.00		0.086	0.14	0.18	mg/Kg
86-73-7	Fluorene	1.90		0.091	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	2.10		0.090	0.14	0.18	mg/Kg
120-12-7	Anthracene	2.20		0.090	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	2.00		0.087	0.14	0.18	mg/Kg
129-00-0	Pyrene	2.00		0.088	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	1.90		0.086	0.14	0.18	mg/Kg
218-01-9	Chrysene	1.90		0.085	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.90		0.086	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	2.00		0.088	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	2.10		0.099	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2.40		0.083	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	2.40		0.087	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	2.20		0.085	0.14	0.18	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	89.7		37 - 122		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.8		44 - 115		87%	SPK: 100
1718-51-0	Terphenyl-d14	92.3		54 - 127		92%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45900		6.851			
1146-65-2	Naphthalene-d8	176000		8.128			
15067-26-2	Acenaphthene-d10	102000		9.886			
1517-22-2	Phenanthrene-d10	188000		11.38			
1719-03-5	Chrysene-d12	131000		14.045			
1520-96-3	Perylene-d12	114000		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