

Report of Analysis

Client:	Nobis Group	Date Collected:	05/08/25
Project:	Raymark Superfund Site	Date Received:	05/09/25
Client Sample ID:	TP-13MSD	SDG No.:	Q1984
Lab Sample ID:	Q2010-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.4
Sample Wt/Vol:	30.01 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
BP024639.D	1	05/13/25 09:05	05/15/25 15:59	PB167973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	1.80		0.027	0.15	0.20	mg/Kg
91-57-6	2-Methylnaphthalene	1.80		0.030	0.15	0.20	mg/Kg
208-96-8	Acenaphthylene	1.80		0.034	0.15	0.20	mg/Kg
83-32-9	Acenaphthene	1.80		0.025	0.15	0.20	mg/Kg
86-73-7	Fluorene	1.80		0.030	0.15	0.20	mg/Kg
85-01-8	Phenanthrene	1.80		0.025	0.15	0.20	mg/Kg
120-12-7	Anthracene	1.80		0.039	0.15	0.20	mg/Kg
206-44-0	Fluoranthene	1.80		0.036	0.15	0.20	mg/Kg
129-00-0	Pyrene	1.90		0.043	0.15	0.20	mg/Kg
56-55-3	Benzo(a)anthracene	1.90		0.027	0.15	0.20	mg/Kg
218-01-9	Chrysene	1.80		0.024	0.15	0.20	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.90		0.023	0.15	0.20	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.80		0.027	0.15	0.20	mg/Kg
50-32-8	Benzo(a)pyrene	1.90		0.035	0.15	0.20	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.90		0.035	0.15	0.20	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.90		0.033	0.15	0.20	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.90		0.030	0.15	0.20	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	52.4		37 - 122		52%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.9		44 - 115		51%	SPK: 100
1718-51-0	Terphenyl-d14	49.8	*	54 - 127		50%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160000		7.657			
1146-65-2	Naphthalene-d8	629000		10.428			
15067-26-2	Acenaphthene-d10	376000		14.298			
1517-22-2	Phenanthrene-d10	727000		17.104			
1719-03-5	Chrysene-d12	786000		21.527			
1520-96-3	Perylene-d12	909000		24.798			

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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