

Report of Analysis

Client:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-40-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.7
Sample Wt/Vol:	30.04 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
BP025210.D	1	07/21/25 09:30	07/22/25 11:51	PB168929

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.16	U	0.028	0.16	0.21	mg/Kg
91-57-6	2-Methylnaphthalene	0.16	U	0.032	0.16	0.21	mg/Kg
208-96-8	Acenaphthylene	0.12	J	0.036	0.16	0.21	mg/Kg
83-32-9	Acenaphthene	0.16	U	0.026	0.16	0.21	mg/Kg
86-73-7	Fluorene	0.16	U	0.031	0.16	0.21	mg/Kg
85-01-8	Phenanthrene	0.13	J	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.088	J	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.33		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.45		0.045	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.30		0.029	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.35		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.35		0.024	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.12	J	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.32		0.037	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.17	J	0.036	0.16	0.21	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.16	U	0.034	0.16	0.21	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.21		0.032	0.16	0.21	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	50.2		37 - 122		50%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.2		44 - 115		52%	SPK: 100
1718-51-0	Terphenyl-d14	51.8	*	54 - 127		52%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	870000		7.437			
1146-65-2	Naphthalene-d8	3340000		10.172			
15067-26-2	Acenaphthene-d10	1980000		14.078			
1517-22-2	Phenanthrene-d10	3640000		16.889			
1719-03-5	Chrysene-d12	3560000		21.324			
1520-96-3	Perylene-d12	4140000		24.46			

TENTATIVE IDENTIFIED COMPOUNDS

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15972608	Alachlor	N.D					
82-68-8	Quintozine	N.D					

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