

Report of Analysis

Client:	Nobis Group	Date Collected:	04/03/25
Project:	Raymark Superfund Site	Date Received:	04/04/25
Client Sample ID:	OU4-VSL-17-040325	SDG No.:	Q1730
Lab Sample ID:	Q1730-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
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
BP024218.D	1	04/07/25 08:55	04/08/25 18:28	PB167474

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

91-20-3	Naphthalene	0.14	U	0.025	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.028	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.031	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.023	0.14	0.18	mg/Kg
86-73-7	Fluorene	0.14	U	0.027	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.023	0.14	0.18	mg/Kg
120-12-7	Anthracene	0.14	U	0.036	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.033	0.14	0.18	mg/Kg
129-00-0	Pyrene	0.14	U	0.039	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.025	0.14	0.18	mg/Kg
218-01-9	Chrysene	0.14	U	0.022	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.021	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.024	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.032	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.030	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.028	0.14	0.18	mg/Kg

SURROGATES

367-12-4	2-Fluorophenol	98.0		35 - 115	65%	SPK: 150
13127-88-3	Phenol-d6	101		34 - 127	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.5		37 - 122	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.6		44 - 115	57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	116		39 - 132	77%	SPK: 150
1718-51-0	Terphenyl-d14	60.0		54 - 127	60%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	223000	7.74
1146-65-2	Naphthalene-d8	995000	10.522
15067-26-2	Acenaphthene-d10	729000	14.381
1517-22-2	Phenanthrene-d10	1790000	17.18

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1719-03-5	Chrysene-d12	2300000	21.639				
1520-96-3	Perylene-d12	2560000	25.021				
TENTATIVE IDENTIFIED COMPOUNDS							
15972608	Alachlor	0	U			N.D	mg/Kg

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