Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Nobis Group	Date Collected:	05/01/25
Project:	Raymark Superfund Site	Date Received:	05/01/25
Client Sample ID:	MH-QMS	SDG No.:	Q1883
Lab Sample ID:	Q1928-01MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	87.1
Sample Wt/Vol:	50.04 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
BP024526.D	1	05/02/25 10:10	05/05/25 15:24	PB167836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	1.00		0.016	0.090	0.12	mg/Kg
91-57-6	2-Methylnaphthalene	0.92		0.018	0.090	0.12	mg/Kg
208-96-8	Acenaphthylene	1.10		0.020	0.090	0.12	mg/Kg
83-32-9	Acenaphthene	1.00		0.015	0.090	0.12	mg/Kg
86-73-7	Fluorene	1.10		0.017	0.090	0.12	mg/Kg
85-01-8	Phenanthrene	1.10		0.014	0.090	0.12	mg/Kg
120-12-7	Anthracene	1.10		0.023	0.090	0.12	mg/Kg
206-44-0	Fluoranthene	1.10		0.021	0.090	0.12	mg/Kg
129-00-0	Pyrene	1.00		0.025	0.090	0.12	mg/Kg
56-55-3	Benzo(a)anthracene	1.10		0.016	0.090	0.12	mg/Kg
218-01-9	Chrysene	1.10		0.014	0.090	0.12	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.00		0.013	0.090	0.12	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.10		0.015	0.090	0.12	mg/Kg
50-32-8	Benzo(a)pyrene	1.10		0.020	0.090	0.12	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.10		0.020	0.090	0.12	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.10		0.019	0.090	0.12	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.10		0.018	0.090	0.12	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	45.9		37 - 122		46%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.6	*	44 - 115		43%	SPK: 100
1718-51-0	Terphenyl-d14	44.6	*	54 - 127		45%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.705				
1146-65-2	Naphthalene-d8	671000	10.481				
15067-26-2	Acenaphthene-d10	410000	14.34				
1517-22-2	Phenanthrene-d10	833000	17.139				
1719-03-5	Chrysene-d12	957000	21.586				
1520-96-3	Perylene-d12	1130000	24.91				

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

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