284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81
Sample Wt/Vol:	30.05 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
BP025209.D	1	07/21/25 09:30	07/22/25 11:10	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	0.097	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	0.16	U	0.026	0.16	0.21	mg/Kg
120-12-7	Anthracene	0.16	U	0.041	0.16	0.21	mg/Kg
206-44-0	Fluoranthene	0.23		0.037	0.16	0.21	mg/Kg
129-00-0	Pyrene	0.30		0.044	0.16	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.21		0.028	0.16	0.21	mg/Kg
218-01-9	Chrysene	0.25		0.025	0.16	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.28		0.023	0.16	0.21	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.088	J	0.028	0.16	0.21	mg/Kg
50-32-8	Benzo(a)pyrene	0.25		0.036	0.16	0.21	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	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	0.17	J	0.032	0.16	0.21	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	43.5		37 - 122		43%	SPK: 100
321-60-8	2-Fluorobiphenyl	44.9		44 - 115		45%	SPK: 100
1718-51-0	Terphenyl-d14	44.2	*	54 - 127		44%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	920000	7.431				
1146-65-2	Naphthalene-d8	3530000	10.172				
15067-26-2	Acenaphthene-d10	2110000	14.066				
1517-22-2	Phenanthrene-d10	3960000	16.889				
1719-03-5	Chrysene-d12	3830000	21.318				
1520-96-3	Perylene-d12	4470000	24.442				
TENTATIVE IDENTIFIED COMPOUNDS							

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