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

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224	SDG No.:	P5306
Lab Sample ID:	P5306-13	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90
Sample Wt/Vol:	30.03 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
BF140950.D	1	12/18/24 08:56	12/20/24 15:02	PB165705

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
91-20-3	Naphthalene	0.14	U	0.092	0.14	0.19	mg/Kg
91-57-6	2-Methylnaphthalene	0.14	U	0.092	0.14	0.19	mg/Kg
208-96-8	Acenaphthylene	0.14	U	0.096	0.14	0.19	mg/Kg
83-32-9	Acenaphthene	0.14	U	0.090	0.14	0.19	mg/Kg
86-73-7	Fluorene	0.14	U	0.095	0.14	0.19	mg/Kg
85-01-8	Phenanthrene	0.14	U	0.093	0.14	0.19	mg/Kg
120-12-7	Anthracene	0.14	U	0.094	0.14	0.19	mg/Kg
206-44-0	Fluoranthene	0.14	U	0.091	0.14	0.19	mg/Kg
129-00-0	Pyrene	0.14	U	0.092	0.14	0.19	mg/Kg
56-55-3	Benzo(a)anthracene	0.14	U	0.090	0.14	0.19	mg/Kg
218-01-9	Chrysene	0.14	U	0.088	0.14	0.19	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.14	U	0.090	0.14	0.19	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.14	U	0.092	0.14	0.19	mg/Kg
50-32-8	Benzo(a)pyrene	0.14	U	0.10	0.14	0.19	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.14	U	0.087	0.14	0.19	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.14	U	0.090	0.14	0.19	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.14	U	0.089	0.14	0.19	mg/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	101		37 - 122		101%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.7		44 - 115		92%	SPK: 100
1718-51-0	Terphenyl-d14	89.0		54 - 127		89%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53900	6.845				
1146-65-2	Naphthalene-d8	215000	8.128				
15067-26-2	Acenaphthene-d10	123000	9.886				
1517-22-2	Phenanthrene-d10	223000	11.374				
1719-03-5	Chrysene-d12	168000	14.033				
1520-96-3	Perylene-d12	139000	15.545				

TENTATIVE IDENTIFIED COMPOUNDS

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
15972-60-8	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