

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725MSD	SDG No.:	Q1382
Lab Sample ID:	Q1382-05MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
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
BF141678.D	1	02/19/25 09:00	02/19/25 16:44	PB166772

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

TARGETS

91-20-3	Naphthalene	1.40		0.089	0.14	0.18	mg/Kg
91-57-6	2-Methylnaphthalene	1.40		0.089	0.14	0.18	mg/Kg
208-96-8	Acenaphthylene	1.50		0.094	0.14	0.18	mg/Kg
83-32-9	Acenaphthene	1.40		0.088	0.14	0.18	mg/Kg
86-73-7	Fluorene	1.50		0.092	0.14	0.18	mg/Kg
85-01-8	Phenanthrene	1.50		0.091	0.14	0.18	mg/Kg
120-12-7	Anthracene	1.60		0.091	0.14	0.18	mg/Kg
206-44-0	Fluoranthene	1.40		0.088	0.14	0.18	mg/Kg
129-00-0	Pyrene	1.60		0.090	0.14	0.18	mg/Kg
56-55-3	Benzo(a)anthracene	1.50		0.087	0.14	0.18	mg/Kg
218-01-9	Chrysene	1.50		0.086	0.14	0.18	mg/Kg
205-99-2	Benzo(b)fluoranthene	1.30		0.088	0.14	0.18	mg/Kg
207-08-9	Benzo(k)fluoranthene	1.50		0.089	0.14	0.18	mg/Kg
50-32-8	Benzo(a)pyrene	1.60		0.10	0.14	0.18	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.80		0.084	0.14	0.18	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.80		0.088	0.14	0.18	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.70		0.087	0.14	0.18	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	60.8		37 - 122	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.8		44 - 115	64%	SPK: 100
1718-51-0	Terphenyl-d14	75.0		54 - 127	75%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	91700	6.781
1146-65-2	Naphthalene-d8	360000	8.063
15067-26-2	Acenaphthene-d10	195000	9.816
1517-22-2	Phenanthrene-d10	323000	11.304
1719-03-5	Chrysene-d12	189000	13.939
1520-96-3	Perylene-d12	175000	15.38

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725MSD	SDG No.:	Q1382
Lab Sample ID:	Q1382-05MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
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
BF141678.D	1	02/19/25 09:00	02/19/25 16:44	PB166772

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