

Report of Analysis

Client:	Nobis Group		Date Collected:		
Project:	Raymark Superfund Site		Date Received:		
Client Sample ID:	PB169285BL		SDG No.:	Q2879	
Lab Sample ID:	PB169285BL		Matrix:	SOIL	
Analytical Method:	8270E		% Solid:	100	
Sample Wt/Vol:	30.02	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
BF143446.D	1	08/18/25 09:06	08/19/25 10:05	PB169285

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

91-20-3	Naphthalene	0.13	U	0.023	0.13	0.17	mg/Kg
91-57-6	2-Methylnaphthalene	0.13	U	0.026	0.13	0.17	mg/Kg
208-96-8	Acenaphthylene	0.13	U	0.029	0.13	0.17	mg/Kg
83-32-9	Acenaphthene	0.13	U	0.021	0.13	0.17	mg/Kg
86-73-7	Fluorene	0.13	U	0.025	0.13	0.17	mg/Kg
85-01-8	Phenanthrene	0.13	U	0.021	0.13	0.17	mg/Kg
120-12-7	Anthracene	0.13	U	0.033	0.13	0.17	mg/Kg
206-44-0	Fluoranthene	0.13	U	0.030	0.13	0.17	mg/Kg
129-00-0	Pyrene	0.13	U	0.036	0.13	0.17	mg/Kg
56-55-3	Benzo(a)anthracene	0.13	U	0.023	0.13	0.17	mg/Kg
218-01-9	Chrysene	0.13	U	0.020	0.13	0.17	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.13	U	0.019	0.13	0.17	mg/Kg
207-08-9	Benzo(k)fluoranthene	0.13	U	0.022	0.13	0.17	mg/Kg
50-32-8	Benzo(a)pyrene	0.13	U	0.030	0.13	0.17	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.13	U	0.029	0.13	0.17	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.13	U	0.027	0.13	0.17	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.13	U	0.026	0.13	0.17	mg/Kg

SURROGATES

4165-60-0	Nitrobenzene-d5	95.6		37 - 122	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.8		44 - 115	90%	SPK: 100
1718-51-0	Terphenyl-d14	98.7		54 - 127	99%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	133000	6.928
1146-65-2	Naphthalene-d8	514000	8.204
15067-26-2	Acenaphthene-d10	287000	9.963
1517-22-2	Phenanthrene-d10	477000	11.445
1719-03-5	Chrysene-d12	250000	14.086
1520-96-3	Perylene-d12	257000	15.574

TENTATIVE IDENTIFIED COMPOUNDS

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000994-05-8	Butane, 2-methoxy-2-methyl-	68.3	J			2.32	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	340	A			5.17	ug/Kg
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	230	J			17.3	ug/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