

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-9	SDG No.:	Q1914
Lab Sample ID:	Q1914-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.1
Sample Wt/Vol:	30.07 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
BM050099.D	1	04/30/25 11:00	05/05/25 15:03	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	26.0	190	ug/Kg
208-96-8	Acenaphthylene	190	U	33.1	190	ug/Kg
83-32-9	Acenaphthene	190	U	24.4	190	ug/Kg
86-73-7	Fluorene	190	U	29.0	190	ug/Kg
85-01-8	Phenanthrene	190	U	23.9	190	ug/Kg
120-12-7	Anthracene	190	U	38.1	190	ug/Kg
206-44-0	Fluoranthene	160	J	34.4	190	ug/Kg
129-00-0	Pyrene	150	J	41.2	190	ug/Kg
56-55-3	Benzo(a)anthracene	83.6	J	26.3	190	ug/Kg
218-01-9	Chrysene	78.4	J	22.8	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.3	J	21.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	25.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	79.1	J	33.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	33.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	31.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	29.4	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	37.5		18 - 107	37%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.9		20 - 109	36%	SPK: 100
1718-51-0	Terphenyl-d14	35.9		10 - 105	36%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	354000	7.745			
1146-65-2	Naphthalene-d8	1250000	10.539			
15067-26-2	Acenaphthene-d10	827000	14.392			
1517-22-2	Phenanthrene-d10	1610000	17.139			
1719-03-5	Chrysene-d12	1460000	21.386			
1520-96-3	Perylene-d12	1490000	24.374			

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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