

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-910	SDG No.:	Q2075
Lab Sample ID:	Q2075-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Final Vol:	1000
		Test:	SVOCMS Group3
		Level :	LOW
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142511.D	1	05/20/25 09:45	05/22/25 15:36	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	210	U	27.9	210	ug/Kg
208-96-8	Acenaphthylene	210	U	35.5	210	ug/Kg
83-32-9	Acenaphthene	210	U	26.1	210	ug/Kg
86-73-7	Fluorene	210	U	31.1	210	ug/Kg
85-01-8	Phenanthrene	440		25.7	210	ug/Kg
120-12-7	Anthracene	210	U	40.9	210	ug/Kg
206-44-0	Fluoranthene	940		36.8	210	ug/Kg
129-00-0	Pyrene	490		44.2	210	ug/Kg
56-55-3	Benzo(a)anthracene	290		28.2	210	ug/Kg
218-01-9	Chrysene	320		24.4	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		23.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	27.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	310		36.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	35.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	U	33.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	31.5	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	49.5		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.1		20 - 109	43%	SPK: 100
1718-51-0	Terphenyl-d14	35.4		10 - 105	35%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	117000		6.898		
1146-65-2	Naphthalene-d8	418000		8.181		
15067-26-2	Acenaphthene-d10	191000		9.934		
1517-22-2	Phenanthrene-d10	271000		11.422		
1719-03-5	Chrysene-d12	225000		14.063		
1520-96-3	Perylene-d12	177000		15.557		

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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