

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-8	SDG No.:	Q1914
Lab Sample ID:	Q1914-09	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.08 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
BM050082.D	1	04/30/25 11:00	05/02/25 12:41	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	2000		24.5	180	ug/Kg
208-96-8	Acenaphthylene	180	U	31.2	180	ug/Kg
83-32-9	Acenaphthene	190		23.0	180	ug/Kg
86-73-7	Fluorene	180	U	27.3	180	ug/Kg
85-01-8	Phenanthrene	1400		22.6	180	ug/Kg
120-12-7	Anthracene	220		35.9	180	ug/Kg
206-44-0	Fluoranthene	2000		32.4	180	ug/Kg
129-00-0	Pyrene	1800		38.9	180	ug/Kg
56-55-3	Benzo(a)anthracene	930		24.8	180	ug/Kg
218-01-9	Chrysene	860		21.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		24.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	770		31.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420		31.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	29.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	490		27.7	180	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	138	*	18 - 107	138%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.6		20 - 109	55%	SPK: 100
1718-51-0	Terphenyl-d14	55.5		10 - 105	55%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	344000		7.751		
1146-65-2	Naphthalene-d8	631000		10.557		
15067-26-2	Acenaphthene-d10	706000		14.416		
1517-22-2	Phenanthrene-d10	1170000		17.157		
1719-03-5	Chrysene-d12	1220000		21.386		
1520-96-3	Perylene-d12	1380000		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