

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-4	SDG No.:	Q1914
Lab Sample ID:	Q1914-05	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	86.5
Sample Wt/Vol:	30.01 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
BM050072.D	1	04/30/25 11:00	05/01/25 20:00	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	200	U	26.2	200	ug/Kg
208-96-8	Acenaphthylene	200	U	33.4	200	ug/Kg
83-32-9	Acenaphthene	200	U	24.6	200	ug/Kg
86-73-7	Fluorene	200	U	29.2	200	ug/Kg
85-01-8	Phenanthrene	300		24.2	200	ug/Kg
120-12-7	Anthracene	200	U	38.5	200	ug/Kg
206-44-0	Fluoranthene	630		34.7	200	ug/Kg
129-00-0	Pyrene	520		41.6	200	ug/Kg
56-55-3	Benzo(a)anthracene	320		26.6	200	ug/Kg
218-01-9	Chrysene	310		23.0	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	25.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	330		34.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	33.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	U	31.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		29.7	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	41.7		18 - 107	42%	SPK: 100
321-60-8	2-Fluorobiphenyl	38.3		20 - 109	38%	SPK: 100
1718-51-0	Terphenyl-d14	35.7		10 - 105	36%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	267000		7.745		
1146-65-2	Naphthalene-d8	987000		10.539		
15067-26-2	Acenaphthene-d10	682000		14.392		
1517-22-2	Phenanthrene-d10	1410000		17.139		
1719-03-5	Chrysene-d12	1410000		21.38		
1520-96-3	Perylene-d12	1420000		24.368		

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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