

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-10	SDG No.:	Q2075
Lab Sample ID:	Q2075-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.8
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
BF142510.D	1	05/20/25 09:45	05/22/25 15:07	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	210	U	28.4	210	ug/Kg
208-96-8	Acenaphthylene	210	U	36.2	210	ug/Kg
83-32-9	Acenaphthene	210	U	26.7	210	ug/Kg
86-73-7	Fluorene	210	U	31.7	210	ug/Kg
85-01-8	Phenanthrene	830		26.2	210	ug/Kg
120-12-7	Anthracene	110	J	41.7	210	ug/Kg
206-44-0	Fluoranthene	1200		37.6	210	ug/Kg
129-00-0	Pyrene	660		45.1	210	ug/Kg
56-55-3	Benzo(a)anthracene	420		28.8	210	ug/Kg
218-01-9	Chrysene	490		24.9	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	640		23.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		28.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	350		37.0	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	36.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	U	34.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	32.2	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	43.6		18 - 107	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.5		20 - 109	38%	SPK: 100
1718-51-0	Terphenyl-d14	29.7		10 - 105	30%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000		6.898		
1146-65-2	Naphthalene-d8	453000		8.18		
15067-26-2	Acenaphthene-d10	223000		9.933		
1517-22-2	Phenanthrene-d10	308000		11.421		
1719-03-5	Chrysene-d12	229000		14.062		
1520-96-3	Perylene-d12	198000		15.556		

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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