

Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-MW1-11.5	SDG No.:	Q2075
Lab Sample ID:	Q2075-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.06 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
BF142489.D	1	05/20/25 09:45	05/21/25 16:03	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	24.9	190	ug/Kg
208-96-8	Acenaphthylene	190	U	31.7	190	ug/Kg
83-32-9	Acenaphthene	190	U	23.4	190	ug/Kg
86-73-7	Fluorene	190	U	27.7	190	ug/Kg
85-01-8	Phenanthrene	190	U	22.9	190	ug/Kg
120-12-7	Anthracene	190	U	36.5	190	ug/Kg
206-44-0	Fluoranthene	190	U	32.9	190	ug/Kg
129-00-0	Pyrene	190	U	39.5	190	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	25.2	190	ug/Kg
218-01-9	Chrysene	190	U	21.8	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	20.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	24.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	32.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	31.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.0	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	28.2	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	53.3		18 - 107	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.6		20 - 109	49%	SPK: 100
1718-51-0	Terphenyl-d14	38.9		10 - 105	39%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	59300	6.898			
1146-65-2	Naphthalene-d8	207000	8.181			
15067-26-2	Acenaphthene-d10	104000	9.939			
1517-22-2	Phenanthrene-d10	179000	11.422			
1719-03-5	Chrysene-d12	153000	14.063			
1520-96-3	Perylene-d12	126000	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