

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-3	SDG No.:	Q1914
Lab Sample ID:	Q1914-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
Sample Wt/Vol:	30.07 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
BM050087.D	1	04/30/25 11:00	05/02/25 15:58	PB167803

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	25.9	U	25.9	190	ug/Kg
208-96-8	Acenaphthylene	33.0	U	33.0	190	ug/Kg
83-32-9	Acenaphthene	24.3	U	24.3	190	ug/Kg
86-73-7	Fluorene	28.8	U	28.8	190	ug/Kg
85-01-8	Phenanthrene	270		23.8	190	ug/Kg
120-12-7	Anthracene	38.0	U	38.0	190	ug/Kg
206-44-0	Fluoranthene	380		34.2	190	ug/Kg
129-00-0	Pyrene	470		41.0	190	ug/Kg
56-55-3	Benzo(a)anthracene	220		26.2	190	ug/Kg
218-01-9	Chrysene	220		22.7	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		21.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	25.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	210		33.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	33.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.2	U	31.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		29.3	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.1		18 - 112	55%	SPK: 150
13127-88-3	Phenol-d6	86.9		15 - 107	58%	SPK: 150
4165-60-0	Nitrobenzene-d5	50.9		18 - 107	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.5		20 - 109	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	93.6		10 - 116	62%	SPK: 150
1718-51-0	Terphenyl-d14	56.7		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	527000	7.746			
1146-65-2	Naphthalene-d8	1920000	10.539			
15067-26-2	Acenaphthene-d10	1320000	14.392			
1517-22-2	Phenanthrene-d10	2450000	17.139			
1719-03-5	Chrysene-d12	1540000	21.38			

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1520-96-3	Perylene-d12	1570000	24.374			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A		4.87	ug/Kg
000119-61-9	Benzophenone	210	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	230	J		18.0	ug/Kg
016980-85-1	Pentacos-1-ene	93.9	J		21.1	ug/Kg
000192-97-2	Benzo[e]pyrene	210	J		24.1	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J		21.3	ug/Kg

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