

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-910		SDG No.:	Q2075	
Lab Sample ID:	Q2075-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	81.3	
Sample Wt/Vol:	8.02	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022344.D	1		05/20/25 15:45	VY052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.80	U	0.61	3.80	ug/Kg
108-88-3	Toluene	3.80	U	0.60	3.80	ug/Kg
100-41-4	Ethyl Benzene	5.40		0.51	3.80	ug/Kg
1330-20-7	Total Xylenes	26.5		1.58	11.5	ug/Kg
98-82-8	Isopropylbenzene	2.10	J	0.60	3.80	ug/Kg
103-65-1	n-propylbenzene	5.00		0.56	3.80	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	9.10		0.63	3.80	ug/Kg
98-06-6	tert-Butylbenzene	3.80	U	0.51	3.80	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	32.9		0.49	3.80	ug/Kg
135-98-8	sec-Butylbenzene	1.50	J	0.51	3.80	ug/Kg
99-87-6	p-Isopropyltoluene	0.99	J	0.48	3.80	ug/Kg
104-51-8	n-Butylbenzene	1.70	J	1.10	3.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	48.7		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.8		38 - 136	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	242000	7.707			
540-36-3	1,4-Difluorobenzene	431000	8.616			
3114-55-4	Chlorobenzene-d5	344000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	127000	13.347			

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