

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-11MSD	SDG No.:	Q2075
Lab Sample ID:	Q2075-05MSD	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.4
Sample Wt/Vol:	8.33 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
VY022351.D	1		05/20/25 18:26	VY052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	43.1		0.54	3.40	ug/Kg
108-88-3	Toluene	52.7		0.54	3.40	ug/Kg
100-41-4	Ethyl Benzene	54.6		0.46	3.40	ug/Kg
1330-20-7	Total Xylenes	219		1.41	10.3	ug/Kg
98-82-8	Isopropylbenzene	40.5		0.54	3.40	ug/Kg
103-65-1	n-propylbenzene	43.6		0.50	3.40	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	49.0		0.56	3.40	ug/Kg
98-06-6	tert-Butylbenzene	37.7		0.46	3.40	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	96.4		0.44	3.40	ug/Kg
135-98-8	sec-Butylbenzene	37.6		0.45	3.40	ug/Kg
99-87-6	p-Isopropyltoluene	36.2		0.43	3.40	ug/Kg
104-51-8	n-Butylbenzene	36.4		1.00	3.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.7		63 - 155	125%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	45.1		74 - 123	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.4		38 - 136	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	7.707			
540-36-3	1,4-Difluorobenzene	220000	8.616			
3114-55-4	Chlorobenzene-d5	197000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	91200	13.346			

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