

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-6MEDL	SDG No.:	Q1914
Lab Sample ID:	Q1914-07MEDL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.8
Sample Wt/Vol:	7.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086494.D	20		05/05/25 18:25	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	620	UD	620	3900	ug/Kg
108-88-3	Toluene	1500	JD	610	3900	ug/Kg
100-41-4	Ethyl Benzene	4700	D	530	3900	ug/Kg
1330-20-7	Total Xylenes	27900	D	1610	11800	ug/Kg
98-82-8	Isopropylbenzene	1700	JD	610	3900	ug/Kg
103-65-1	n-propylbenzene	4500	D	570	3900	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	7600	D	640	3900	ug/Kg
98-06-6	tert-Butylbenzene	530	UD	530	3900	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	28100	D	500	3900	ug/Kg
135-98-8	sec-Butylbenzene	1900	JD	520	3900	ug/Kg
99-87-6	p-Isopropyltoluene	1300	JD	490	3900	ug/Kg
104-51-8	n-Butylbenzene	2900	JD	1100	3900	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.6		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	59.7		70 - 134	119%	SPK: 50
2037-26-5	Toluene-d8	52.5		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2		38 - 136	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	167000	8.224			
540-36-3	1,4-Difluorobenzene	307000	9.1			
3114-55-4	Chlorobenzene-d5	303000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						
Total VOC TICs	Total VOC TICs	0	U		0	ug/Kg

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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