

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-6ME	SDG No.:	Q1914
Lab Sample ID:	Q1914-07ME	Matrix:	SOIL
Analytical Method:	SW8260	% 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
VN086519.D	1		05/06/25 16:59	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	170	JD	31.1	200	ug/Kg
108-88-3	Toluene	1600	D	30.7	200	ug/Kg
100-41-4	Ethyl Benzene	5300	ED	26.3	200	ug/Kg
1330-20-7	Total Xylenes	31900	ED	80.9	590	ug/Kg
98-82-8	Isopropylbenzene	1700	D	30.7	200	ug/Kg
103-65-1	n-propylbenzene	4900	ED	28.7	200	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	8000	ED	32.2	200	ug/Kg
98-06-6	tert-Butylbenzene	200	UD	26.3	200	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	29500	ED	25.2	200	ug/Kg
135-98-8	sec-Butylbenzene	2000	D	25.9	200	ug/Kg
99-87-6	p-Isopropyltoluene	1400	D	24.4	200	ug/Kg
104-51-8	n-Butylbenzene	3500	D	57.0	200	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.0		63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	54.9		74 - 123	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		38 - 136	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	172000	8.218			
540-36-3	1,4-Difluorobenzene	323000	9.094			
3114-55-4	Chlorobenzene-d5	314000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	149000	13.788			

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