

Report of Analysis

Client:	CDM Smith	Date Collected:	06/04/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2230
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046641.D	1		06/11/25 16:47	VX061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	58.1		0.15	1.00	ug/L
108-88-3	Toluene	62.2		0.14	1.00	ug/L
100-41-4	Ethyl Benzene	65.8		0.13	1.00	ug/L
1330-20-7	Total Xylenes	245		0.36	3.00	ug/L
98-82-8	Isopropylbenzene	62.9		0.12	1.00	ug/L
103-65-1	n-propylbenzene	63.6		0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	72.5		0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	61.8		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	100		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	60.8		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	60.8		0.13	1.00	ug/L
104-51-8	n-Butylbenzene	60.9		0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		74 - 125	95%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	51.1		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	80800	5.568			
540-36-3	1,4-Difluorobenzene	141000	6.769			
3114-55-4	Chlorobenzene-d5	125000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	63000	12.018			

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