Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-MW1-11.5ME	SDG No.:	Q2075
Lab Sample ID:	Q2075-06ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91
Sample Wt/Vol:	8.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046336.D	1		05/23/25 11:46	VX052325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	160	UD	26.0	160	ug/Kg
108-88-3	Toluene	83.3	JD	25.6	160	ug/Kg
100-41-4	Ethyl Benzene	110	JD	22.0	160	ug/Kg
1330-20-7	Total Xylenes	630	D	67.6	490	ug/Kg
98-82-8	Isopropylbenzene	42.8	JD	25.6	160	ug/Kg
103-65-1	n-propylbenzene	130	JD	24.0	160	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	220	D	26.9	160	ug/Kg
98-06-6	tert-Butylbenzene	160	UD	22.0	160	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	810	D	21.0	160	ug/Kg
135-98-8	sec-Butylbenzene	63.9	JD	21.7	160	ug/Kg
99-87-6	p-Isopropyltoluene	43.7	JD	20.4	160	ug/Kg
104-51-8	n-Butylbenzene	180	D	47.6	160	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	50.7		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		38 - 136	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61400	5.544			
540-36-3	1,4-Difluorobenzene	119000	6.757			
3114-55-4	Chlorobenzene-d5	110000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	48700	12.024			

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