Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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-5ME	SDG No.:	Q1914
Lab Sample ID:	Q1914-06ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.7
Sample Wt/Vol:	7.35 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
VN086518.D	1		05/06/25 16:35	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	88.0	JD	30.0	190	ug/Kg
108-88-3	Toluene	230	D	29.6	190	ug/Kg
100-41-4	Ethyl Benzene	1100	D	25.4	190	ug/Kg
1330-20-7	Total Xylenes	4400	D	78.1	570	ug/Kg
98-82-8	Isopropylbenzene	260	D	29.6	190	ug/Kg
103-65-1	n-propylbenzene	650	D	27.7	190	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	930	D	31.1	190	ug/Kg
98-06-6	tert-Butylbenzene	190	UD	25.4	190	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3800	D	24.3	190	ug/Kg
135-98-8	sec-Butylbenzene	230	D	25.0	190	ug/Kg
99-87-6	p-Isopropyltoluene	150	JD	23.5	190	ug/Kg
104-51-8	n-Butylbenzene	370	D	55.0	190	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.1		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	55.8		70 - 134	112%	SPK: 50
2037-26-5	Toluene-d8	52.0		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		38 - 136	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	170000	8.218			
540-36-3	1,4-Difluorobenzene	319000	9.094			
3114-55-4	Chlorobenzene-d5	298000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	131000	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