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:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-11	SDG No.:	Q2075
Lab Sample ID:	Q2075-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.4
Sample Wt/Vol:	5.75 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022345.D	1		05/20/25 16:09	VY052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	5.00	U	0.79	5.00	ug/Kg
108-88-3	Toluene	5.20		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	7.80		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	46.3		2.02	14.9	ug/Kg
98-82-8	Isopropylbenzene	2.10	J	0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	5.40		0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	9.80		0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	5.00	U	0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	40.2		0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	1.40	J	0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	5.00	U	0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	1.40	J	1.40	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.7		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	48.7		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.5		38 - 136	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	240000	7.707			
540-36-3	1,4-Difluorobenzene	433000	8.615			
3114-55-4	Chlorobenzene-d5	346000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.346			

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