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-2	SDG No.:	Q1914
Lab Sample ID:	Q1914-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	84.1
Sample Wt/Vol:	8.24 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
VY022109.D	1		05/01/25 16:04	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.60	U	0.57	3.60	ug/Kg
108-88-3	Toluene	3.60	U	0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	3.60	U	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	10.8	U	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	3.60	U	0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	3.60	U	0.53	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.60	U	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.60	U	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	3.60	U	0.45	3.60	ug/Kg
104-51-8	n-Butylbenzene	3.60	U	1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.8		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.3		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		38 - 136	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	335000	7.707			
540-36-3	1,4-Difluorobenzene	631000	8.616			
3114-55-4	Chlorobenzene-d5	599000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	259000	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