

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-1	SDG No.:	Q1914
Lab Sample ID:	Q1914-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.7
Sample Wt/Vol:	7.72 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
VY022107.D	1		05/01/25 15:02	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	0.58	U	0.58	3.70	ug/Kg
108-88-3	Toluene	0.57	U	0.57	3.70	ug/Kg
100-41-4	Ethyl Benzene	0.49	U	0.49	3.70	ug/Kg
1330-20-7	Total Xylenes	1.51	U	1.51	11.0	ug/Kg
98-82-8	Isopropylbenzene	0.57	U	0.57	3.70	ug/Kg
103-65-1	n-propylbenzene	0.53	U	0.53	3.70	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.60	U	0.60	3.70	ug/Kg
98-06-6	tert-Butylbenzene	0.49	U	0.49	3.70	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.47	U	0.47	3.70	ug/Kg
135-98-8	sec-Butylbenzene	0.48	U	0.48	3.70	ug/Kg
99-87-6	p-Isopropyltoluene	0.45	U	0.45	3.70	ug/Kg
104-51-8	n-Butylbenzene	1.10	U	1.10	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.7		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.7		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		38 - 136	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	324000	7.707			
540-36-3	1,4-Difluorobenzene	598000	8.616			
3114-55-4	Chlorobenzene-d5	535000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	218000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						
000124-18-5	Decane	13.4	J		12.7	ug/Kg
001120-21-4	Undecane	19.9	J		13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	14.2	J		14.2	ug/Kg
000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	6.30	J		14.3	ug/Kg
000112-40-3	Dodecane	11.9	J		14.5	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	7.10	J		14.7	ug/Kg
061141-72-8	Dodecane, 4,6-dimethyl-	6.00	J		15.1	ug/Kg
000629-50-5	Tridecane	9.70	J		15.3	ug/Kg

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004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	6.10	J		16.1	ug/Kg
Total VOC TICs	Total VOC TICs	94.6	J		131	ug/Kg

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