

Report of Analysis

Client:	CDM Smith		Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY		Date Received:	
Client Sample ID:	VN0506MBS01		SDG No.:	Q1914
Lab Sample ID:	VN0506MBS01		Matrix:	SOIL
Analytical Method:	SW8260		% Solid:	100
Sample Wt/Vol:	5	Units: g	Final Vol:	10000 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
VN086515.D	1		05/06/25 15:23	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	1800		79.0	500	ug/Kg
108-88-3	Toluene	1900		78.0	500	ug/Kg
100-41-4	Ethyl Benzene	1900		67.0	500	ug/Kg
1330-20-7	Total Xylenes	5800		202	1500	ug/Kg
98-82-8	Isopropylbenzene	1900		78.0	500	ug/Kg
103-65-1	n-propylbenzene	1800		73.0	500	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1900		82.0	500	ug/Kg
98-06-6	tert-Butylbenzene	1900		67.0	500	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1900		64.0	500	ug/Kg
135-98-8	sec-Butylbenzene	1900		66.0	500	ug/Kg
99-87-6	p-Isopropyltoluene	1900		62.0	500	ug/Kg
104-51-8	n-Butylbenzene	1700		150	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.6		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	57.7		70 - 134	115%	SPK: 50
2037-26-5	Toluene-d8	50.2		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.2		38 - 136	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	8.224			
540-36-3	1,4-Difluorobenzene	335000	9.1			
3114-55-4	Chlorobenzene-d5	293000	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