

Report of Analysis

Client:	CDM Smith		Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY		Date Received:	
Client Sample ID:	VY0520SBS01		SDG No.:	Q2075
Lab Sample ID:	VY0520SBS01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	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
VY022331.D	1		05/20/25 10:21	VY052025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	20.8		0.79	5.00	ug/Kg
108-88-3	Toluene	20.0		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.8		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	59.8		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	20.1		0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	20.3		0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	19.5		0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	19.8		0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	19.3		0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	20.0		0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	19.3		0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	19.7		1.50	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.8		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	51.5		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.7		38 - 136	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	162000	7.707			
540-36-3	1,4-Difluorobenzene	281000	8.616			
3114-55-4	Chlorobenzene-d5	237000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	111000	13.347			

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