

Report of Analysis

Client:	CDM Smith	Date Collected:	05/27/25
Project:	South River WM Replacement	Date Received:	05/28/25
Client Sample ID:	TP-47	SDG No.:	Q2150
Lab Sample ID:	Q2150-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	81
Sample Wt/Vol:	7.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022464.D	1		05/29/25 13:59	VY052925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	4.30	U	0.98	4.30	ug/Kg
74-87-3	Chloromethane	4.30	U	0.98	4.30	ug/Kg
75-01-4	Vinyl Chloride	4.30	U	0.68	4.30	ug/Kg
74-83-9	Bromomethane	4.30	U	0.92	4.30	ug/Kg
75-00-3	Chloroethane	4.30	U	1.10	4.30	ug/Kg
75-69-4	Trichlorofluoromethane	4.30	U	1.00	4.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.30	U	0.92	4.30	ug/Kg
75-35-4	1,1-Dichloroethene	4.30	U	0.86	4.30	ug/Kg
67-64-1	Acetone	21.6	U	4.10	21.6	ug/Kg
75-15-0	Carbon Disulfide	4.30	U	0.92	4.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.30	U	0.63	4.30	ug/Kg
79-20-9	Methyl Acetate	4.30	U	1.30	4.30	ug/Kg
75-09-2	Methylene Chloride	8.60	U	3.00	8.60	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.30	U	0.74	4.30	ug/Kg
75-34-3	1,1-Dichloroethane	4.30	U	0.69	4.30	ug/Kg
110-82-7	Cyclohexane	4.30	U	0.68	4.30	ug/Kg
78-93-3	2-Butanone	21.6	U	5.60	21.6	ug/Kg
56-23-5	Carbon Tetrachloride	4.30	U	0.84	4.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.30	U	0.65	4.30	ug/Kg
74-97-5	Bromochloromethane	4.30	U	0.99	4.30	ug/Kg
67-66-3	Chloroform	4.30	U	0.73	4.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.30	U	0.80	4.30	ug/Kg
108-87-2	Methylcyclohexane	4.30	U	0.79	4.30	ug/Kg
71-43-2	Benzene	4.30	U	0.68	4.30	ug/Kg
107-06-2	1,2-Dichloroethane	4.30	U	0.68	4.30	ug/Kg
79-01-6	Trichloroethene	4.30	U	0.70	4.30	ug/Kg
78-87-5	1,2-Dichloropropane	4.30	U	0.79	4.30	ug/Kg
75-27-4	Bromodichloromethane	4.30	U	0.67	4.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	21.6	U	3.10	21.6	ug/Kg
108-88-3	Toluene	4.30	U	0.67	4.30	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
013205-56-6	1-Methyldecylamine	28.7	J		2.12	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