

Report of Analysis

Client:	CDM Smith		Date Collected:	07/08/25	
Project:	South River WM Replacement		Date Received:	07/08/25	
Client Sample ID:	TP-89		SDG No.:	Q2529	
Lab Sample ID:	Q2529-08		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	90.1	
Sample Wt/Vol:	3.89	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:	Date Analyzed	Prep Batch ID
VW031801.D	1	07/10/25 14:30	VW071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	7.10	ug/Kg
74-87-3	Chloromethane	1.60	U	1.60	7.10	ug/Kg
75-01-4	Vinyl Chloride	1.10	U	1.10	7.10	ug/Kg
74-83-9	Bromomethane	1.50	U	1.50	7.10	ug/Kg
75-00-3	Chloroethane	1.80	U	1.80	7.10	ug/Kg
75-69-4	Trichlorofluoromethane	1.70	U	1.70	7.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	1.50	7.10	ug/Kg
75-35-4	1,1-Dichloroethene	1.40	U	1.40	7.10	ug/Kg
67-64-1	Acetone	16.8	J	6.80	35.7	ug/Kg
75-15-0	Carbon Disulfide	1.50	U	1.50	7.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.00	U	1.00	7.10	ug/Kg
79-20-9	Methyl Acetate	2.20	U	2.20	7.10	ug/Kg
75-09-2	Methylene Chloride	9.30	J	5.00	14.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.20	U	1.20	7.10	ug/Kg
75-34-3	1,1-Dichloroethane	1.10	U	1.10	7.10	ug/Kg
110-82-7	Cyclohexane	1.10	U	1.10	7.10	ug/Kg
78-93-3	2-Butanone	9.30	U	9.30	35.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.40	U	1.40	7.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.10	ug/Kg
74-97-5	Bromochloromethane	1.60	U	1.60	7.10	ug/Kg
67-66-3	Chloroform	1.20	U	1.20	7.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.30	U	1.30	7.10	ug/Kg
108-87-2	Methylcyclohexane	1.30	U	1.30	7.10	ug/Kg
71-43-2	Benzene	1.10	U	1.10	7.10	ug/Kg
107-06-2	1,2-Dichloroethane	1.10	U	1.10	7.10	ug/Kg
79-01-6	Trichloroethene	1.20	U	1.20	7.10	ug/Kg
78-87-5	1,2-Dichloropropane	1.30	U	1.30	7.10	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	7.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.10	U	5.10	35.7	ug/Kg
108-88-3	Toluene	1.10	U	1.10	7.10	ug/Kg

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000110-54-3	n-Hexane	7.20	J		5.97	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