

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: The Wills Building
Client Sample ID: MW-227BDL
Lab Sample ID: Q3311-14DL
Analytical Method: 8260D
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/07/25
Date Received: 10/08/25
SDG No.: Q3311
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
74-87-3	Chloromethane	5.00	UD	5	1.60	5.00	ug/L	10/14/25 13:09	VX101425
75-01-4	Vinyl Chloride	5.00	UD	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
74-83-9	Bromomethane	25.0	UD	5	7.20	25.0	ug/L	10/14/25 13:09	VX101425
75-00-3	Chloroethane	5.00	UD	5	2.40	5.00	ug/L	10/14/25 13:09	VX101425
75-69-4	Trichlorofluoromethane	5.00	UD	5	1.70	5.00	ug/L	10/14/25 13:09	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
75-35-4	1,1-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/14/25 13:09	VX101425
67-64-1	Acetone	25.0	UD	5	7.60	25.0	ug/L	10/14/25 13:09	VX101425
75-15-0	Carbon Disulfide	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
1634-04-4	Methyl tert-butyl Ether	5.00	UDQ5		0.80	5.00	ug/L	10/14/25 13:09	VX101425
79-20-9	Methyl Acetate	5.00	UDQ5		1.40	5.00	ug/L	10/14/25 13:09	VX101425
75-09-2	Methylene Chloride	5.00	UD	5	1.40	5.00	ug/L	10/14/25 13:09	VX101425
156-60-5	trans-1,2-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/14/25 13:09	VX101425
75-34-3	1,1-Dichloroethane	5.00	UD	5	1.20	5.00	ug/L	10/14/25 13:09	VX101425
110-82-7	Cyclohexane	25.0	UD	5	7.30	25.0	ug/L	10/14/25 13:09	VX101425
78-93-3	2-Butanone	25.0	UD	5	4.90	25.0	ug/L	10/14/25 13:09	VX101425
56-23-5	Carbon Tetrachloride	5.00	UD	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
156-59-2	cis-1,2-Dichloroethene	11.6	D	5	0.95	5.00	ug/L	10/14/25 13:09	VX101425
74-97-5	Bromochloromethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
67-66-3	Chloroform	6.30	D	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
71-55-6	1,1,1-Trichloroethane	5.00	UD	5	1.00	5.00	ug/L	10/14/25 13:09	VX101425
108-87-2	Methylcyclohexane	5.00	UD	5	0.80	5.00	ug/L	10/14/25 13:09	VX101425
71-43-2	Benzene	5.00	UD	5	0.75	5.00	ug/L	10/14/25 13:09	VX101425
107-06-2	1,2-Dichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
79-01-6	Trichloroethene	25.5	D	5	0.47	5.00	ug/L	10/14/25 13:09	VX101425
78-87-5	1,2-Dichloropropane	5.00	UD	5	1.00	5.00	ug/L	10/14/25 13:09	VX101425
75-27-4	Bromodichloromethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
108-10-1	4-Methyl-2-Pentanone	25.0	UD	5	3.40	25.0	ug/L	10/14/25 13:09	VX101425
108-88-3	Toluene	5.00	UD	5	0.70	5.00	ug/L	10/14/25 13:09	VX101425
10061-02-6	t-1,3-Dichloropropene	5.00	UD	5	0.85	5.00	ug/L	10/14/25 13:09	VX101425
10061-01-5	cis-1,3-Dichloropropene	5.00	UD	5	0.80	5.00	ug/L	10/14/25 13:09	VX101425
79-00-5	1,1,2-Trichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
591-78-6	2-Hexanone	25.0	UD	5	4.50	25.0	ug/L	10/14/25 13:09	VX101425
124-48-1	Dibromochloromethane	5.00	UD	5	0.90	5.00	ug/L	10/14/25 13:09	VX101425
106-93-4	1,2-Dibromoethane	5.00	UD	5	0.75	5.00	ug/L	10/14/25 13:09	VX101425
127-18-4	Tetrachloroethene	210	D	5	1.20	5.00	ug/L	10/14/25 13:09	VX101425
108-90-7	Chlorobenzene	5.00	UD	5	0.60	5.00	ug/L	10/14/25 13:09	VX101425
100-41-4	Ethyl Benzene	5.00	UD	5	0.65	5.00	ug/L	10/14/25 13:09	VX101425
179601-23-1	m/p-Xylenes	10.0	UD	5	1.20	10.0	ug/L	10/14/25 13:09	VX101425
95-47-6	o-Xylene	5.00	UD	5	0.60	5.00	ug/L	10/14/25 13:09	VX101425
100-42-5	Styrene	5.00	UD	5	0.75	5.00	ug/L	10/14/25 13:09	VX101425
75-25-2	Bromoform	5.00	UD	5	0.95	5.00	ug/L	10/14/25 13:09	VX101425

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SDG No.: Q3311
Matrix: Water
% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.00	UD	5	0.60	5.00	ug/L	10/14/25 13:09	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	5.00	UD	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
541-73-1	1,3-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/14/25 13:09	VX101425
106-46-7	1,4-Dichlorobenzene	5.00	UD	5	0.95	5.00	ug/L	10/14/25 13:09	VX101425
95-50-1	1,2-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/14/25 13:09	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	UD	5	2.70	5.00	ug/L	10/14/25 13:09	VX101425
120-82-1	1,2,4-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/14/25 13:09	VX101425
87-61-6	1,2,3-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/14/25 13:09	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.1			74 - 125	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.2			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	50.6			86 - 113	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.3			77 - 121	113%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	117000							
540-36-3	1,4-Difluorobenzene	242000							
3114-55-4	Chlorobenzene-d5	257000							
3855-82-1	1,4-Dichlorobenzene-d4	129000							

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