

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: The Wills Building
Client Sample ID: MW-2S
Lab Sample ID: Q3311-07
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	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:20	VX100925
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/09/25 14:20	VX100925
75-01-4	Vinyl Chloride	0.37	J	1	0.26	1.00	ug/L	10/09/25 14:20	VX100925
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/09/25 14:20	VX100925
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/09/25 14:20	VX100925
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/09/25 14:20	VX100925
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:20	VX100925
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:20	VX100925
67-64-1	Acetone	5.00	U	1	1.50	5.00	ug/L	10/09/25 14:20	VX100925
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/09/25 14:20	VX100925
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/09/25 14:20	VX100925
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/09/25 14:20	VX100925
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:20	VX100925
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:20	VX100925
110-82-7	Cyclohexane	8.10		1	1.50	5.00	ug/L	10/09/25 14:20	VX100925
78-93-3	2-Butanone	4.70	J	1	0.98	5.00	ug/L	10/09/25 14:20	VX100925
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:20	VX100925
156-59-2	cis-1,2-Dichloroethene	9.50		1	0.19	1.00	ug/L	10/09/25 14:20	VX100925
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:20	VX100925
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:20	VX100925
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:20	VX100925
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
71-43-2	Benzene	0.76	J	1	0.15	1.00	ug/L	10/09/25 14:20	VX100925
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:20	VX100925
79-01-6	Trichloroethene	6.40		1	0.090	1.00	ug/L	10/09/25 14:20	VX100925
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:20	VX100925
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:20	VX100925
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/09/25 14:20	VX100925
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/09/25 14:20	VX100925
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/09/25 14:20	VX100925
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/09/25 14:20	VX100925
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/09/25 14:20	VX100925
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/09/25 14:20	VX100925
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:20	VX100925
127-18-4	Tetrachloroethene	80.6		1	0.23	1.00	ug/L	10/09/25 14:20	VX100925
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:20	VX100925
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/09/25 14:20	VX100925
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/09/25 14:20	VX100925
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:20	VX100925
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:20	VX100925
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/09/25 14:20	VX100925

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% Solid: 0
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	9.50		1	0.12	1.00	ug/L	10/09/25 14:20	VX100925
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/09/25 14:20	VX100925
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/09/25 14:20	VX100925
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/09/25 14:20	VX100925
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:20	VX100925
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:20	VX100925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.2			74 - 125	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	49.7			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.2			77 - 121	116%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	141000							
540-36-3	1,4-Difluorobenzene	286000							
3114-55-4	Chlorobenzene-d5	304000							
3855-82-1	1,4-Dichlorobenzene-d4	152000							
TENTATIVE IDENTIFIED COMPOUNDS									
000078-78-4	Butane, 2-methyl-	41.5	J			1.76	ug/L		
000096-37-7	Cyclopentane, methyl-	6.20	J			4.31	ug/L		
000591-47-9	Cyclohexene, 4-methyl-	13.4	J			7.87	ug/L		
000591-49-1	Cyclohexene, 1-methyl-	6.70	J			8.49	ug/L		
98-06-6	tert-Butylbenzene	0.40	J			11.7	ug/L		
135-98-8	sec-Butylbenzene	0.93	J			11.9	ug/L		

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