

Report of Analysis

Client: Core Environmental Consultants and Services, Inc.
Project: The Wills Building
Client Sample ID: MW-219MSD
Lab Sample ID: Q3311-04MSD
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	54.1		1	0.22	1.00	ug/L	10/14/25 19:20	VX101425
74-87-3	Chloromethane	53.3		1	0.32	1.00	ug/L	10/14/25 19:20	VX101425
75-01-4	Vinyl Chloride	57.4		1	0.26	1.00	ug/L	10/14/25 19:20	VX101425
74-83-9	Bromomethane	59.0		1	1.40	5.00	ug/L	10/14/25 19:20	VX101425
75-00-3	Chloroethane	55.2		1	0.47	1.00	ug/L	10/14/25 19:20	VX101425
75-69-4	Trichlorofluoromethane	57.8		1	0.33	1.00	ug/L	10/14/25 19:20	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	54.8		1	0.25	1.00	ug/L	10/14/25 19:20	VX101425
75-35-4	1,1-Dichloroethene	56.0		1	0.23	1.00	ug/L	10/14/25 19:20	VX101425
67-64-1	Acetone	200		1	1.50	5.00	ug/L	10/14/25 19:20	VX101425
75-15-0	Carbon Disulfide	61.5		1	0.21	1.00	ug/L	10/14/25 19:20	VX101425
1634-04-4	Methyl tert-butyl Ether	52.3		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
79-20-9	Methyl Acetate	45.7		1	0.27	1.00	ug/L	10/14/25 19:20	VX101425
75-09-2	Methylene Chloride	53.6		1	0.28	1.00	ug/L	10/14/25 19:20	VX101425
156-60-5	trans-1,2-Dichloroethene	56.9		1	0.23	1.00	ug/L	10/14/25 19:20	VX101425
75-34-3	1,1-Dichloroethane	54.9		1	0.23	1.00	ug/L	10/14/25 19:20	VX101425
110-82-7	Cyclohexane	53.0		1	1.50	5.00	ug/L	10/14/25 19:20	VX101425
78-93-3	2-Butanone	250		1	0.98	5.00	ug/L	10/14/25 19:20	VX101425
56-23-5	Carbon Tetrachloride	54.9		1	0.25	1.00	ug/L	10/14/25 19:20	VX101425
156-59-2	cis-1,2-Dichloroethene	56.0		1	0.19	1.00	ug/L	10/14/25 19:20	VX101425
74-97-5	Bromochloromethane	48.4		1	0.22	1.00	ug/L	10/14/25 19:20	VX101425
67-66-3	Chloroform	57.0		1	0.25	1.00	ug/L	10/14/25 19:20	VX101425
71-55-6	1,1,1-Trichloroethane	56.9		1	0.20	1.00	ug/L	10/14/25 19:20	VX101425
108-87-2	Methylcyclohexane	52.8		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
71-43-2	Benzene	56.0		1	0.15	1.00	ug/L	10/14/25 19:20	VX101425
107-06-2	1,2-Dichloroethane	54.2		1	0.22	1.00	ug/L	10/14/25 19:20	VX101425
79-01-6	Trichloroethene	57.7		1	0.090	1.00	ug/L	10/14/25 19:20	VX101425
78-87-5	1,2-Dichloropropane	49.8		1	0.20	1.00	ug/L	10/14/25 19:20	VX101425
75-27-4	Bromodichloromethane	57.0		1	0.22	1.00	ug/L	10/14/25 19:20	VX101425
108-10-1	4-Methyl-2-Pentanone	260		1	0.68	5.00	ug/L	10/14/25 19:20	VX101425
108-88-3	Toluene	55.4		1	0.14	1.00	ug/L	10/14/25 19:20	VX101425
10061-02-6	t-1,3-Dichloropropene	53.0		1	0.17	1.00	ug/L	10/14/25 19:20	VX101425
10061-01-5	cis-1,3-Dichloropropene	52.7		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
79-00-5	1,1,2-Trichloroethane	55.1		1	0.21	1.00	ug/L	10/14/25 19:20	VX101425
591-78-6	2-Hexanone	250		1	0.89	5.00	ug/L	10/14/25 19:20	VX101425
124-48-1	Dibromochloromethane	58.1		1	0.18	1.00	ug/L	10/14/25 19:20	VX101425
106-93-4	1,2-Dibromoethane	55.9		1	0.15	1.00	ug/L	10/14/25 19:20	VX101425
127-18-4	Tetrachloroethene	280	E	1	0.23	1.00	ug/L	10/14/25 19:20	VX101425
108-90-7	Chlorobenzene	54.4		1	0.12	1.00	ug/L	10/14/25 19:20	VX101425
100-41-4	Ethyl Benzene	53.8		1	0.13	1.00	ug/L	10/14/25 19:20	VX101425
179601-23-1	m/p-Xylenes	110		1	0.24	2.00	ug/L	10/14/25 19:20	VX101425
95-47-6	o-Xylene	54.3		1	0.12	1.00	ug/L	10/14/25 19:20	VX101425
100-42-5	Styrene	54.3		1	0.15	1.00	ug/L	10/14/25 19:20	VX101425
75-25-2	Bromoform	59.6		1	0.19	1.00	ug/L	10/14/25 19:20	VX101425

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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	49.5		1	0.12	1.00	ug/L	10/14/25 19:20	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	49.8		1	0.26	1.00	ug/L	10/14/25 19:20	VX101425
541-73-1	1,3-Dichlorobenzene	48.3		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
106-46-7	1,4-Dichlorobenzene	48.4		1	0.19	1.00	ug/L	10/14/25 19:20	VX101425
95-50-1	1,2-Dichlorobenzene	49.3		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	47.6		1	0.53	1.00	ug/L	10/14/25 19:20	VX101425
120-82-1	1,2,4-Trichlorobenzene	45.5		1	0.20	1.00	ug/L	10/14/25 19:20	VX101425
87-61-6	1,2,3-Trichlorobenzene	47.7		1	0.20	1.00	ug/L	10/14/25 19:20	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.7			74 - 125	95%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.8			75 - 124	98%	SPK: 50		
2037-26-5	Toluene-d8	46.2			86 - 113	92%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.8			77 - 121	96%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	110000							
540-36-3	1,4-Difluorobenzene	199000							
3114-55-4	Chlorobenzene-d5	178000							
3855-82-1	1,4-Dichlorobenzene-d4	94300							

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