

LABTEST

Washington State Certified Lab #230 - DOE Accredited Lab # C1008

VOLATILE ORGANIC CHEMICALS (VOCs) ANALYSIS REPORT

System ID No: 49650R	System Name: City of Mabton	
Lab/Sample No: 23014131	Date Collected: 02/23/24	DOH Source No: S05/S06
Multiple Source No: NA	Sample Type: T	Sample Purpose: RC
Date Received: 02/24/24	Date Reported: 03/13/24	Supervisor: BKO
	Date Analyzed: 03/08/24	Analyst: ANT
County: YAKIMA	Sampled By: Sandy Hager	Group: A
Sample Location: S05 Tap		Invoice#: 21219

Send Report To:	Sample Information	Matrix: Potable water
Valley Water Services 4001 Summitview Ave Suite #5-191 Yakima, WA 98908	Vault	

Volatile Organic Chemicals

DOH#	Analytes	Results	Units	MRL	Trigger	MCL	Exceeds?	
EPA REGULATED							Trigger?	MCL?
45	Vinyl chloride	ND	µg/L	0.5	0.5	2	N	N
46	1,1-Dichloroethylene	ND	µg/L	0.5	0.5	7	N	N
47	1,1,1-Trichloroethane	ND	µg/L	0.5	0.5	200	N	N
48	Carbon tetrachloride	ND	µg/L	0.5	0.5	5	N	N
49	Benzene	ND	µg/L	0.5	0.5	5	N	N
50	1,2-Dichloroethane	ND	µg/L	0.5	0.5	5	N	N
51	Trichloroethylene	ND	µg/L	0.5	0.5	5	N	N
52	P - Dichlorobenzene	ND	µg/L	0.5	0.5	75	N	N
56	Methylene Chloride	ND	µg/L	0.5	0.5	5	N	N
57	trans-1,2-Dichloroethylene	ND	µg/L	0.5	0.5	100	N	N
60	cis-1,2-Dichloroethylene	ND	µg/L	0.5	0.5	70	N	N
63	1,2-Dichloropropane	ND	µg/L	0.5	0.5	5	N	N
66	Toluene	ND	µg/L	0.5	0.5	1000	N	N
67	1,1,2-Trichloroethane	ND	µg/L	0.5	0.5	5	N	N
68	Tetrachloroethylene	ND	µg/L	0.5	0.5	5	N	N
71	Chlorobenzene	ND	µg/L	0.5	0.5	100	N	N
73	Ethylbenzene	ND	µg/L	0.5	0.5	700	N	N
76	Styrene	ND	µg/L	0.5	0.5	100	N	N
84	o - Dichlorobenzene	ND	µg/L	0.5	0.5	600	N	N
95	1,2,4-Trichlorobenzene	ND	µg/L	0.5	0.5	70	N	N
160	Total Xylenes	ND	µg/L	0.5	0.5	10000	N	N
74	M/P -Xylene	ND	µg/L	0.5	0.5		N	N
75	o -Xylene	ND	µg/L	0.5	0.5		N	N

MRL (Method Reporting Level): Indicates the minimum reporting level required and obtained by the laboratory (MDL<MRL<SRL).

Trigger: DOH Drinking Water response level. Public Systems in excess of this level must take additional samples. Recommended range on packages.

MCL (maximum contaminant level): Highest level recommended by the federal government for public water systems.

ND (Not Detected): Indicates this compound was analyzed and not detected at a level greater than or equal to the MRL or SRL.

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Lab Sample No: 23014131		VOC's Analysis Report - Page 2				
DOH#	Analytes	Results	Units	SRL	Trigger	MCL
EPA/STATE UNREGULATED						
53	Chloromethane	1.22	µg/L	0.5	0.5	
54	Bromomethane	ND	µg/L	0.5	0.5	
55	Chloroethane	ND	µg/L	0.5	0.5	
58	1,1-Dichloroethane	ND	µg/L	0.5	0.5	
59	2,2-Dichloropropane	ND	µg/L	0.5	0.5	
62	1,1-Dichloropropene	ND	µg/L	0.5	0.5	
64	Dibromomethane	ND	µg/L	0.5	0.5	
70	1,3-Dichloropropane	ND	µg/L	0.5	0.5	
72	1,1,1,2-Tetrachloroethane	ND	µg/L	0.5	0.5	
78	Bromobenzene	ND	µg/L	0.5	0.5	
79	1,2,3-Trichloropropane	ND	µg/L	0.5	0.5	
80	1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	0.5	
81	o-Chlorotoluene	ND	µg/L	0.5	0.5	
82	p-Chlorotoluene	ND	µg/L	0.5	0.5	
83	m-Dichlorobenzene	ND	µg/L	0.5	0.5	
154	1,3-Dichloropropene	ND	µg/L	0.5	0.5	
104	Dichlorodifluoromethane	ND	µg/L	0.5	0.5	
65	cis-1,3-Dichloropropene	ND	µg/L	0.5	0.5	
69	trans-1,3-Dichloropropene	ND	µg/L	0.5	0.5	
85	Fluorotrichloromethane	ND	µg/L	0.5	0.5	
86	Bromochloromethane	ND	µg/L	0.5	0.5	
87	Isopropylbenzene	ND	µg/L	0.5	0.5	
88	n-Propylbenzene	ND	µg/L	0.5	0.5	
89	1,3,5-Trimethylbenzene	ND	µg/L	0.5	0.5	
90	tert-Butylbenzene	ND	µg/L	0.5	0.5	
91	1,2,4-Trimethylbenzene	ND	µg/L	0.5	0.5	
92	sec-Butylbenzene	ND	µg/L	0.5	0.5	
93	p-Isopropyltoluene	ND	µg/L	0.5	0.5	
94	n-Butylbenzene	ND	µg/L	0.5	0.5	
96	Napthalene	ND	µg/L	0.5	0.5	
97	Hexachlorobutadiene	ND	µg/L	0.5	0.5	
98	1,2,3-Trichlorobenzene	ND	µg/L	0.5	0.5	
102	*1,2 - Dibromoethane (EDB)	ND	µg/L	0.5	0.02	0.05
103	*1,2-Dibromo-3-Chloroprop	ND	µg/L	0.5	0.04	0.2
162	Dichlorodifluoromethane	ND	µg/L	0.50	0.50	

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Lab Sample No: 23014131		VOC's Analysis Report - Page 2				
DOH#	Analytes	Results	Units	SRL	Trigger	MCL
EPA REGULATED - Under Trihalomethanes Program						
27	Chloroform	2.94	µg/L	0.5	0.5	
28	Bromodichloromethane	5.58	µg/L	0.5	0.5	
29	Dibromochloromethane	7.76	µg/L	0.5	0.5	
30	Bromoform	3.13	µg/L	0.5	0.5	
31	Total Trihalomethane	19.4	µg/L	0.5	60	80
STATE UNREGULATED-Other						
0	Methyl tert-butyl ether	ND	µg/L	1.0		

Approved By: 

201 East D Street
 Yakima, WA 98901
 (509) 469 - TEST
 Fax: (509) 352 - 1313



Date Sample Collected 03/12/24 Month / Day / Year	Time Collected 2:15 PM	County YAKIMA
Type of Water System Group A Public Water Facilities Inventory (WFI)		ID# 49650R
System name: City of Mabton		Contact Person: Bennett Osborne
Day Phone: 509-833-5003		Cell: Eve. Phone: Fax:
Send results to: Valley Water Services 4001 Summitview Ave Suite #5-191 Yakima, WA 98908		
SAMPLE INFORMATION		
Sample collected by: Bennett Osborne		Specific location: Pine Street
Comments: Mabton		
Type of Sample		
1. <input checked="" type="checkbox"/> Routine Distribution Sample Chlorinated: N Chlorine Residual: N/A		2. <input type="checkbox"/> Repeat Sample Unsatis. Lab #
3. <input type="checkbox"/> Raw Water Source Sample Source Number:		Unsat. Collect date
4. <input type="checkbox"/> Sample Collected for Information Only Construction <input type="checkbox"/> Repairs <input type="checkbox"/> Private Residence <input type="checkbox"/> Other <input type="checkbox"/>		
DRINKING WATER RESULTS		LAB USE ONLY
<input type="checkbox"/> UNSATISFACTORY Total Coliform Bacteria Present and <input type="checkbox"/> E. coli present <input type="checkbox"/> E. coli absent		<input checked="" type="checkbox"/> SATISFACTORY Total Coliform Absent E. coli Absent
<input type="checkbox"/> Replacement sample required		
Bacterial Density: Plate Count _____ / 100mL Total Coliform Fecal Coliform E. coli _____ / 100 mL _____ / 100mL _____ / 100mL		
Method Code: SM 9223B	Date Received: 03/12/24	Time Received: 4:00 PM
Date Analyzed/Reported:	03/12/24	03/13/24
Sample Number: 230-14474		

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