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VOLATILE ORGANIC COMPOUNDS (VOC) REPORT

Client Name: Mount Baker Water Association
PO Box 29465
Bellingham, WA 98228

Reference Number: 22-17369
Project: VOC Kelly 22

Date Collected: 5/24/22 12:47
System ID Number: 565005
Lab Number: 046-33396
Sample Location: Kelly Well
Sample Purpose: C - Compliance
Sample Composition: Single Source
Date Extracted: 524_220603
Approved By: pdm
Authorized By:


Lawrence J Henderson, PhD
Director of Laboratories, Vice President

Field ID: 565005
System Group Type: A
System Name: MOUNT BAKER WATER ASSOCIATION
County: WHATCOM
Source Number: 01
Multiple Sources:
Date Received: 5/24/2022 4:50:00PM
Date Analyzed: 06/03/22
Date Reported: 6/9/22
Sample Type: B - Before treatment
Sample Collected By: Rob
Sampler Phone:

EPA Method 524.2 For State Drinking Water Compliance

DOH#	COMPOUNDS	RESULTS	UNITS	SRL	Trigger	MCL	Lab		Analyst	COMMENT
	EPA/State Regulated									
45	VINYL CHLORIDE	ND	ug/L	0.5	0.5	2	a		NML	
46	1,1 - DICHLOROETHYLENE	ND	ug/L	0.5	0.5	7	a		NML	
47	1,1,1 - TRICHLOROETHANE	ND	ug/L	0.5	0.5	200	a		NML	
48	CARBON TETRACHLORIDE	ND	ug/L	0.5	0.5	5	a		NML	
49	BENZENE	ND	ug/L	0.5	0.5	5	a		NML	
51	TRICHLOROETHYLENE	ND	ug/L	0.5	0.5	5	a		NML	
50	1,2 - DICHLOROETHANE	ND	ug/L	0.5	0.5	5	a		NML	
52	P - DICHLOROBENZENE	ND	ug/L	0.5	0.5	75	a		NML	
56	METHYLENE CHLORIDE	ND	ug/L	0.5	0.5	5	a		NML	
57	T - 1,2 - DICHLOROETHYLENE	ND	ug/L	0.5	0.5	100	a		NML	
60	CIS - 1,2 - DICHLOROETHYLENE	ND	ug/L	0.5	0.5	70	a		NML	
63	1,2 - DICHLOROPROPANE	ND	ug/L	0.5	0.5	5	a		NML	
66	TOLUENE	ND	ug/L	0.5	0.5	1000	a		NML	
67	1,1,2 - TRICHLOROETHANE	ND	ug/L	0.5	0.5	5	a		NML	
68	TETRACHLOROETHYLENE	ND	ug/L	0.5	0.5	5	a		NML	
71	CHLOROBENZENE	ND	ug/L	0.5	0.5	100	a		NML	
73	ETHYLBENZENE	ND	ug/L	0.5	0.5	700	a		NML	
76	STYRENE	ND	ug/L	0.5	0.5	100	a		NML	
84	O - DICHLOROBENZENE	ND	ug/L	0.5	0.5	600	a		NML	
95	1,2,4, - TRICHLOROBENZENE	ND	ug/L	0.5	0.5	70	a		NML	
160	TOTAL XYLENES	ND	ug/L	0.5	0.5	10000	a		NML	
74	M/P - XYLENE	ND	ug/L	0.5	0.5		a		NML	
75	O - XYLENE	ND	ug/L	0.5	0.5		a		NML	
102	*1,2 - DIBROMOETHANE (EDB)	ND	ug/L	0.5	0.02	0.05	a		NML	Screening Only
103	*1,2-DIBROMO-3-CHLOROPROPANE	ND	ug/L	0.5	0.04	0.2	a		NML	Screening Only

NOTES:

If a compound is detected > or = to the State Reporting Level, SRL, specified increased monitoring frequencies may occur per DOH.

MCL (Maximum Contaminant Level) maximum permissible level of a contaminant in water established by EPA; a blank MCL value indicates a level is not currently established.

Trigger Level: DOH Drinking Water Response level. Systems with compounds detected in excess of this level are required to take additional samples. Contact your regional DOH office.

ND (Not Detected): indicates that the parameter was not detected above the State Reporting Limit (SRL).

An * in front of the parameter name indicates it is not NELAP accredited but it is accredited through WSDOH or USEPA Region 10.

These test results meet all the requirements of NELAC, unless otherwise stated in writing, and relate only to these samples.

If you have any questions concerning this report contact Lawrence J Henderson, PhD, Director of Laboratories, Vice President, at the toll-free phone number above.

FORM: cVOC.rpt

VOLATILE ORGANIC COMPOUNDS (VOC) REPORT

DOH#	COMPOUNDS	RESULTS	UNITS	SRL	Trigger	MCL	Lab		Analyst	COMMENT
	State Unregulated - Other									
55	1,3-DICHLOROPROPYLENE, TOTAL	ND	ug/L	0.5	0.5		a		NML	
59	CHLOROETHANE	ND	ug/L	0.5	0.5		a		NML	
62	2,2 - DICHLOROPROPANE	ND	ug/L	0.5	0.5		a		NML	
64	1,1 - DICHLOROPROPENE	ND	ug/L	0.5	0.5		a		NML	
65	DIBROMOMETHANE	ND	ug/L	0.5	0.5		a		NML	
69	CIS - 1,3 - DICHLOROPROPENE	ND	ug/L	0.5	0.5		a		NML	
70	TRANS- 1,3 - DICHLOROPROPENE	ND	ug/L	0.5	0.5		a		NML	
80	1,3 - DICHLOROPROPANE	ND	ug/L	0.5	0.5		a		NML	
82	1,1,2,2 - TETRACHLOROETHANE	ND	ug/L	0.5	0.5		a		NML	
83	P - CHLOROTOLUENE	ND	ug/L	0.5	0.5		a		NML	
87	M - DICHLOROBENZENE	ND	ug/L	0.5	0.5		a		NML	
88	ISOPROPYLBENZENE	ND	ug/L	0.5	0.5		a		NML	
90	N - PROPYLBENZENE	ND	ug/L	0.5	0.5		a		NML	
97	TERT - BUTYLBENZENE	ND	ug/L	0.5	0.5		a		NML	
98	HEXACHLOROBUTADIENE	ND	ug/L	0.5	0.5		a		NML	
98	1,2,3 - TRICHLOROBENZENE	ND	ug/L	0.5	0.5		a		NML	
53	CHLOROMETHANE	ND	ug/L	0.5	0.5		a		NML	
54	BROMOMETHANE	ND	ug/L	0.5	0.5		a		NML	
58	1,1 - DICHLOROETHANE	ND	ug/L	0.5	0.5		a		NML	
72	1,1,1,2 - TETRACHLOROETHANE	ND	ug/L	0.5	0.5		a		NML	
78	BROMOBENZENE	ND	ug/L	0.5	0.5		a		NML	
79	1,2,3 - TRICHLOROPROPANE	ND	ug/L	0.5	0.5		a		NML	
89	1,3,5 - TRIMETHYLBENZENE	ND	ug/L	0.5	0.5		a		NML	
81	O - CHLOROTOLUENE	ND	ug/L	0.5	0.5		a		NML	
85	TRICHLOROFLUOROMETHANE	ND	ug/L	0.5	0.5		a		NML	
86	BROMOCHLOROMETHANE	ND	ug/L	0.5	0.5		a		NML	
91	1,2,4 - TRIMETHYLBENZENE	ND	ug/L	0.5	0.5		a		NML	
92	SEC - BUTYLBENZENE	ND	ug/L	0.5	0.5		a		NML	
93	P - ISOPROPYLTOLUENE	ND	ug/L	0.5	0.5		a		NML	
94	N - BUTYLBENZENE	ND	ug/L	0.5	0.5		a		NML	
96	NAPHTHALENE	ND	ug/L	0.5	0.5		a		NML	
104	DICHLORODIFLUOROMETHANE	ND	ug/L	0.5	0.5		a		NML	
	EPA Regulated - Under Trihalomethanes Program									
31	TOTAL TRIHALOMETHANE	ND	ug/L	0.5	60	80	a		NML	
27	CHLOROFORM	ND	ug/L	0.5			a		NML	
28	BROMODICHLOROMETHANE	ND	ug/L	0.5			a		NML	
29	CHLORODIBROMOMETHANE	ND	ug/L	0.5			a		NML	
30	BROMOFORM	ND	ug/L	0.5			a		NML	
	State Unregulated - Other									
0	METHYL TERT-BUTYL ETHER	ND	ug/L	1.0			a		NML	

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