

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063668.D
 Acq On : 05 Nov 2025 11:46
 Operator : MD/SY
 Sample : VU1105WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBL01

Quant Time: Nov 06 03:59:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.081	96	57042	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	23673	0.917	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	21388	0.924	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.505	50	1725	0.085	ug/l #	87
4) Vinyl Chloride	1.776	62	218	0.011	ug/l #	69
5) Bromomethane	1.888	94	108	0.009	ug/l	98
6) Chloroethane	1.911	64	51	0.004	ug/l #	21
7) Trichlorofluoromethane	2.120	101	43	0.001	ug/l #	18
9) 1,1-Dichloroethene	2.554	96	374	0.024	ug/l	56
10) Iodomethane	2.695	142	937	0.041	ug/l #	74
11) Allyl Chloride	3.065	41	117	0.005	ug/l	95
12) Acrylonitrile	3.267	53	103	0.027	ug/l #	1
13) Acetone	2.605	43	1118	0.166	ug/l	95
14) Carbon Disulfide	2.763	76	833	0.019	ug/l #	83
15) Methylene Chloride	3.010	84	1395	0.071	ug/l	93
16) trans-1,2-Dichloroethene	3.309	96	303	0.018	ug/l #	38
17) 1,1-Dichloroethane	3.837	63	303	0.009	ug/l #	26
18) 2-Butanone	4.673	43	427	0.060	ug/l	77
19) Cyclohexane	5.332	56	91	0.004	ug/l #	1
20) Methylcyclohexane	6.730	83	65	0.002	ug/l #	1
21) 2,2-Dichloropropane	4.708	77	367	0.012	ug/l	95
22) cis-1,2-Dichloroethene	4.470	96	151	0.008	ug/l	58
25) Methyl tert-Butyl Ether	3.335	73	225	0.005	ug/l #	1
26) Bromochloromethane	4.943	128	222	0.027	ug/l #	1
27) Chloroform	5.058	83	930	0.027	ug/l	90
28) 1,1,1-Trichloroethane	5.271	97	363	0.012	ug/l #	27
29) 1,1-Dichloropropene	5.476	75	105	0.004	ug/l #	27
30) Carbon Tetrachloride	5.483	117	147	0.006	ug/l #	31
31) Isopropyl Ether	4.010	45	285	0.005	ug/l	72
32) Ethyl-t-butyl ether	4.473	59	20	0.000	ug/l #	34
33) Tert-Amyl methyl ether	6.074	73	814	0.018	ug/l #	47
34) Propionitrile	4.743	54	102	0.073	ug/l #	1
35) Benzene	5.737	78	1060	0.015	ug/l #	1
36) 1,2-Dichloroethane	5.766	62	74	0.003	ug/l #	76
37) Trichloroethene	6.496	130	42	0.002	ug/l	90
38) 1,2-Dichloropropane	6.759	63	40	0.002	ug/l #	44
39) Methacrylonitrile	4.936	41	178	0.026	ug/l #	8
40) Methyl acrylate	4.837	55	173	0.017	ug/l #	1
41) Tetrahydrofuran	5.029	42	471	0.151	ug/l #	57
42) 1-Chlorobutane	5.586	56	229	0.007	ug/l	97
44) Bromodichloromethane	7.081	83	40	0.002	ug/l #	25
45) 4-Methyl-2-Pentanone	7.791	43	962	0.077	ug/l #	81
47) Methyl methacrylate	6.939	69	89	0.009	ug/l #	1
48) Ethyl methacrylate	8.386	69	142	0.007	ug/l	80
49) Toluene	7.946	92	398	0.008	ug/l	91
50) t-1,3-Dichloropropene	8.190	75	108	0.005	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063668.D
 Acq On : 05 Nov 2025 11:46
 Operator : MD/SY
 Sample : VU1105WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBL01

Quant Time: Nov 06 03:59:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) cis-1,3-Dichloropropene	7.595	75	91	0.003	ug/l #	16
52) 1,1,2-Trichloroethane	8.389	97	75	0.005	ug/l #	15
53) 1,3-Dichloropropane	8.553	76	132	0.005	ug/l #	1
54) 2-Hexanone	8.679	43	1135	0.107	ug/l	94
58) Tetrachloroethene	8.531	164	20	0.001	ug/l #	25
59) Chlorobenzene	9.434	112	528	0.010	ug/l #	42
63) Ethyl Benzene	9.547	91	985	0.010	ug/l #	84
64) m/p-Xylenes	9.666	106	846	0.024	ug/l	79
65) o-Xylene	10.077	106	420	0.012	ug/l	94
66) Styrene	10.106	104	553	0.010	ug/l #	77
69) Isopropylbenzene	10.460	105	1093	0.013	ug/l	87
70) 1,1,2,2-Tetrachloroethane	10.766	83	98	0.006	ug/l #	26
72) Bromobenzene	10.762	156	239	0.012	ug/l	74
73) n-propylbenzene	10.878	120	498	0.020	ug/l	76
74) 2-Chlorotoluene	11.081	126	297	0.014	ug/l	1
75) 1,3,5-Trimethylbenzene	11.068	105	1137	0.014	ug/l	86
76) 4-Chlorotoluene	11.081	126	297	0.014	ug/l	1
77) tert-Butylbenzene	11.396	119	1021	0.013	ug/l #	68
78) 1,2,4-Trimethylbenzene	11.447	105	1961	0.026	ug/l	85
79) sec-Butylbenzene	11.618	105	2189	0.021	ug/l	99
81) p-Isopropyltoluene	11.769	119	2664	0.032	ug/l	96
82) 1,3-Dichlorobenzene	11.730	146	868	0.022	ug/l	96
83) 1,4-Dichlorobenzene	11.817	146	1164	0.029	ug/l	91
84) n-Butylbenzene	12.187	91	6194	0.083	ug/l	90
85) 1,2-Dichlorobenzene	12.187	146	836	0.022	ug/l #	79
87) 1,2,4-Trichlorobenzene	13.820	180	3431	0.146	ug/l	97
88) Hexachlorobutadiene	13.994	225	614	0.044	ug/l #	89
90) 1,2,3-Trichlorobenzene	14.309	180	4017	0.188	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

