

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063582.D
 Acq On : 15 Sep 2025 16:44
 Operator : MD/SY
 Sample : Q2552-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS0725-PT-UNRVOA-WS

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

09/16/2025
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Sep 16 04:58:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.094	96	39545	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	11879	0.806	ug/l	0.00
Spiked Amount	1.000		Recovery	=	81.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	12614	0.840	ug/l	0.00
Spiked Amount	1.000		Recovery	=	84.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.518	50	1171	0.092	ug/l	# 86
4) Vinyl Chloride	1.599	62	430	0.031	ug/l	# 82
5) Bromomethane	1.840	94	21651	2.533	ug/l	# 99
6) Chloroethane	1.779	64	21	0.002	ug/l	# 1
7) Trichlorofluoromethane	2.129	101	465418	22.904	ug/l	# 98
9) 1,1-Dichloroethene	2.573	96	790	0.077	ug/l	# 82
10) Iodomethane	2.714	142	2791	0.188	ug/l	# 95
13) Acetone	2.621	43	3031	0.686	ug/l	# 94
14) Carbon Disulfide	2.779	76	320	0.015	ug/l	# 8
15) Methylene Chloride	3.030	84	8926	0.656	ug/l	# 88
16) trans-1,2-Dichloroethene	3.341	96	1656	0.151	ug/l	# 100
17) 1,1-Dichloroethane	3.853	63	118158	4.698	ug/l	# 99
18) 2-Butanone	4.730	43	211	0.042	ug/l	# 78
19) Cyclohexane	5.364	56	177	0.009	ug/l	# 34
20) Methylcyclohexane	6.746	83	76	0.004	ug/l	# 63
21) 2,2-Dichloropropane	4.647	77	162334	8.725	ug/l	# 94
22) cis-1,2-Dichloroethene	4.647	96	2195	0.163	ug/l	# 1
23) Diethyl Ether	2.370	59	216	0.024	ug/l	# 83
25) Methyl tert-Butyl Ether	3.357	73	1002619	32.581	ug/l	# 98
26) Bromochloromethane	4.959	128	59522	10.925	ug/l	# 99
27) Chloroform	5.081	83	421	0.017	ug/l	# 92
28) 1,1,1-Trichloroethane	5.300	97	1444	0.075	ug/l	# 93
29) 1,1-Dichloropropene	5.508	75	175737	9.776	ug/l	# 99
30) Carbon Tetrachloride	5.496	117	143	0.010	ug/l	# 23
31) Isopropyl Ether	4.113	45	143	0.003	ug/l	# 90
32) Ethyl-t-butyl ether	4.505	59	174	0.005	ug/l	# 36
35) Benzene	5.759	78	7805	0.151	ug/l	# 98
36) 1,2-Dichloroethane	5.785	62	2080	0.119	ug/l	# 78
37) Trichloroethene	6.525	130	6451	0.501	ug/l	# 94
38) 1,2-Dichloropropane	6.779	63	1423	0.104	ug/l	# 92
40) Methyl acrylate	4.856	55	96	0.013	ug/l	# 69
41) Tetrahydrofuran	5.052	42	525	0.181	ug/l	# 35
42) 1-Chlorobutane	5.508	56	234	0.009	ug/l	# 65
43) Dibromomethane	6.901	93	76133	11.582	ug/l	# 98
45) 4-Methyl-2-Pentanone	7.807	43	494	0.060	ug/l	# 55
47) Methyl methacrylate	6.836	69	19	0.003	ug/l	# 1
49) Toluene	7.965	92	1916	0.068	ug/l	# 94
50) t-1,3-Dichloropropene	8.200	75	113810	10.817	ug/l	# 98
51) cis-1,3-Dichloropropene	7.595	75	202934	14.499	ug/l	# 96
52) 1,1,2-Trichloroethane	8.393	97	831	0.089	ug/l	# 87
53) 1,3-Dichloropropane	8.566	76	45459	2.812	ug/l	# 98
54) 2-Hexanone	8.701	43	245	0.041	ug/l	# 67
58) Tetrachloroethene	8.541	164	6253	0.493	ug/l	# 89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Chlorobenzene	9.441	112	10289	0.318	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	148831	14.079	ug/l	99
62) Hexachloroethane	12.466	117	1642	0.249	ug/l #	74
63) Ethyl Benzene	9.563	91	19401	0.351	ug/l	98
64) m/p-Xylenes	9.688	106	7252	0.342	ug/l	80
65) o-Xylene	10.094	106	4634	0.218	ug/l	83
66) Styrene	10.116	104	1714	0.051	ug/l #	69
69) Isopropylbenzene	10.476	105	305284	5.917	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.772	83	148911	12.568	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	75920	8.644	ug/l #	98
72) Bromobenzene	10.775	156	50404	3.766	ug/l	94
73) n-propylbenzene	10.897	120	213914	14.343	ug/l	97
74) 2-Chlorotoluene	10.978	126	31722	2.352	ug/l	98
75) 1,3,5-Trimethylbenzene	11.077	105	180211	3.735	ug/l	100
76) 4-Chlorotoluene	11.090	126	65194	4.616	ug/l	99
77) tert-Butylbenzene	11.409	119	162655	3.487	ug/l	92
78) 1,2,4-Trimethylbenzene	11.460	105	150168	3.198	ug/l	100
79) sec-Butylbenzene	11.634	105	632812	10.013	ug/l	100
81) p-Isopropyltoluene	11.785	119	719516	14.149	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	141944	5.270	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	6793m	0.246	ug/l	
84) n-Butylbenzene	12.200	91	417036	8.750	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	8021	0.510	ug/l	99
88) Hexachlorobutadiene	14.010	225	305007	31.156	ug/l	99
89) Naphthalene	14.081	128	236413	8.500	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	304557	20.399	ug/l	99

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

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