

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063676.D
 Acq On : 05 Nov 2025 17:02
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 06 04:06:33 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	6.084	96	55832	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.608	95	25462	1.008	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.167	152	23546	1.040	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	207313	9.865	ug/l	99
3) Chloromethane	1.509	50	188794	9.553	ug/l	99
4) Vinyl Chloride	1.589	62	204392	10.171	ug/l	99
5) Bromomethane	1.833	94	116758	9.612	ug/l	97
6) Chloroethane	1.914	64	129295	10.480	ug/l	99
7) Trichlorofluoromethane	2.116	101	310871	10.635	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	165831	10.668	ug/l	99
9) 1,1-Dichloroethene	2.554	96	158601	10.535	ug/l	100
10) Iodomethane	2.695	142	246566	11.028	ug/l	100
11) Allyl Chloride	2.894	41	240293	10.223	ug/l	98
12) Acrylonitrile	3.284	53	84222	22.617	ug/l	96
13) Acetone	2.602	43	310089	47.148	ug/l	99
14) Carbon Disulfide	2.766	76	397944	9.382	ug/l	99
15) Methylene Chloride	3.013	84	196298	10.145	ug/l	98
16) trans-1,2-Dichloroethene	3.319	96	176066	10.606	ug/l	99
17) 1,1-Dichloroethane	3.830	63	349297	10.624	ug/l	100
18) 2-Butanone	4.689	43	345826	49.569	ug/l	100
19) Cyclohexane	5.345	56	264262	10.517	ug/l	98
20) Methylcyclohexane	6.724	83	312845	10.002	ug/l	98
21) 2,2-Dichloropropane	4.628	77	301151	10.207	ug/l	99
22) cis-1,2-Dichloroethene	4.631	96	202052	10.690	ug/l	98
23) Diethyl Ether	2.357	59	131002	10.621	ug/l	99
24) tert-Butyl Alcohol	3.168	59	185694	87.340	ug/l	99
25) Methyl tert-Butyl Ether	3.341	73	464913	10.539	ug/l	99
26) Bromochloromethane	4.939	128	83763	10.507	ug/l	100
27) Chloroform	5.055	83	362089	10.762	ug/l	98
28) 1,1,1-Trichloroethane	5.277	97	313741	10.574	ug/l	99
29) 1,1-Dichloropropene	5.489	75	266880	10.715	ug/l	99
30) Carbon Tetrachloride	5.486	117	248625	10.586	ug/l	100
31) Isopropyl Ether	3.968	45	543166	10.427	ug/l	99
32) Ethyl-t-butyl ether	4.480	59	515890	10.279	ug/l	100
33) Tert-Amyl methyl ether	5.920	73	455717	10.428	ug/l	99
34) Propionitrile	4.750	54	73185	53.681	ug/l	# 97
35) Benzene	5.737	78	748145	10.657	ug/l	99
36) 1,2-Dichloroethane	5.763	62	244400	10.841	ug/l	99
37) Trichloroethene	6.508	130	199971	9.994	ug/l	99
38) 1,2-Dichloropropane	6.762	63	201836	10.273	ug/l	99
39) Methacrylonitrile	4.949	41	65431	9.642	ug/l	96
40) Methyl acrylate	4.824	55	103914	10.545	ug/l	98
41) Tetrahydrofuran	5.036	42	66996	21.941	ug/l	98
42) 1-Chlorobutane	5.422	56	358321	10.735	ug/l	97
43) Dibromomethane	6.888	93	105115	10.342	ug/l	97
44) Bromodichloromethane	7.078	83	247054	9.940	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
 Data File : VU063676.D
 Acq On : 05 Nov 2025 17:02
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 06 04:06:33 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)
45) 4-Methyl-2-Pentanone	7.779	43	620825	50.654	ug/l	99
46) t-1,4-Dichloro-2-butene	10.807	75	77454m	18.219	ug/l	
47) Methyl methacrylate	6.943	69	198902	21.269	ug/l	98
48) Ethyl methacrylate	8.315	69	197851	10.402	ug/l	99
49) Toluene	7.942	92	489833	10.345	ug/l	99
50) t-1,3-Dichloropropene	8.187	75	202477	9.373	ug/l	97
51) cis-1,3-Dichloropropene	7.582	75	266739	9.873	ug/l	98
52) 1,1,2-Trichloroethane	8.377	97	147223	10.655	ug/l	99
53) 1,3-Dichloropropane	8.550	76	257767	10.443	ug/l	99
54) 2-Hexanone	8.669	43	491359	47.485	ug/l	100
55) Dibromochloromethane	8.785	129	162777	10.005	ug/l	99
56) 1,2-Dibromoethane	8.897	107	133370	10.143	ug/l	100
58) Tetrachloroethene	8.524	164	212106	10.837	ug/l	99
59) Chlorobenzene	9.422	112	539258	10.503	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.508	131	180000	10.013	ug/l	99
61) Pentachloroethane	11.402	117	120782	9.686	ug/l	98
62) Hexachloroethane	12.450	117	128725	9.417	ug/l	99
63) Ethyl Benzene	9.544	91	952726	10.244	ug/l	100
64) m/p-Xylenes	9.669	106	720623	20.755	ug/l	100
65) o-Xylene	10.074	106	354649	10.424	ug/l	100
66) Styrene	10.090	104	575949	10.435	ug/l	100
67) Bromoform	10.264	173	84350	9.602	ug/l	99
69) Isopropylbenzene	10.457	105	863985	10.283	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.756	83	181532	10.460	ug/l	100
71) 1,2,3-Trichloropropane	10.798	75	146055m	9.672	ug/l	
72) Bromobenzene	10.756	156	214965	10.579	ug/l	98
73) n-propylbenzene	10.881	120	249556	10.453	ug/l	99
74) 2-Chlorotoluene	10.962	126	214428	10.362	ug/l	100
75) 1,3,5-Trimethylbenzene	11.061	105	806999	10.387	ug/l	99
76) 4-Chlorotoluene	11.071	126	217177	10.453	ug/l	99
77) tert-Butylbenzene	11.393	119	771238	10.132	ug/l	100
78) 1,2,4-Trimethylbenzene	11.441	105	788499	10.574	ug/l	100
79) sec-Butylbenzene	11.618	105	1033175	10.318	ug/l	99
80) Nitrobenzene	13.183	77	15654	25.646	ug/l	96
81) p-Isopropyltoluene	11.769	119	858154	10.467	ug/l	99
82) 1,3-Dichlorobenzene	11.720	146	420419	10.683	ug/l	100
83) 1,4-Dichlorobenzene	11.810	146	412832	10.557	ug/l	98
84) n-Butylbenzene	12.183	91	765484	10.417	ug/l	99
85) 1,2-Dichlorobenzene	12.187	146	398677	10.711	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.968	75	29177	10.146	ug/l	98
87) 1,2,4-Trichlorobenzene	13.814	180	247395	10.788	ug/l	99
88) Hexachlorobutadiene	13.994	225	147701	10.820	ug/l	99
89) Naphthalene	14.058	128	428540	9.714	ug/l	100
90) 1,2,3-Trichlorobenzene	14.302	180	225240	10.745	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110525\
Data File : VU063676.D
Acq On : 05 Nov 2025 17:02
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

Quant Time: Nov 06 04:06:33 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

