

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063660.D
 Acq On : 31 Oct 2025 13:06
 Operator : MD/SY
 Sample : VSTDICC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015

Quant Time: Nov 03 00:16:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:08:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Mahesh Dadoda 11/03/2025

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

Internal Standards						
1) Fluorobenzene	6.084	96	57798	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	28283	1.262	ug/l	0.00
Spiked Amount 1.000			Recovery	=	126.000%	
68) 1,2-Dichlorobenzene-d4	12.167	152	24702	1.107	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	356768	18.138	ug/l	99
3) Chloromethane	1.509	50	324981	17.092	ug/l	99
4) Vinyl Chloride	1.589	62	344152	16.785	ug/l	100
5) Bromomethane	1.827	94	193125	15.345	ug/l	97
6) Chloroethane	1.911	64	212010	16.197	ug/l	98
7) Trichlorofluoromethane	2.116	101	501635	16.747	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	269829	16.136	ug/l	99
9) 1,1-Dichloroethene	2.557	96	257778	16.892	ug/l	99
10) Iodomethane	2.695	142	400533	18.093	ug/l	98
11) Allyl Chloride	2.894	41	398544	15.912	ug/l	98
12) Acrylonitrile	3.284	53	134024	29.736	ug/l	95
13) Acetone	2.602	43	561014	83.640	ug/l	99
14) Carbon Disulfide	2.766	76	723730	21.507	ug/l	99
15) Methylene Chloride	3.013	84	295435	14.806	ug/l	98
16) trans-1,2-Dichloroethene	3.322	96	281778	17.167	ug/l	99
17) 1,1-Dichloroethane	3.833	63	557599	15.226	ug/l	100
18) 2-Butanone	4.682	43	604204	80.894	ug/l	100
19) Cyclohexane	5.348	56	433709	14.871	ug/l	99
20) Methylcyclohexane	6.730	83	505874	18.042	ug/l	99
21) 2,2-Dichloropropane	4.628	77	503995	18.035	ug/l	99
22) cis-1,2-Dichloroethene	4.631	96	321125	16.160	ug/l	97
23) Diethyl Ether	2.358	59	213496	15.878	ug/l	99
24) tert-Butyl Alcohol	3.161	59	290196	156.344	ug/l	99
25) Methyl tert-Butyl Ether	3.338	73	756835	16.611	ug/l	99
26) Bromochloromethane	4.939	128	132882	16.482	ug/l	99
27) Chloroform	5.055	83	573799	15.635	ug/l	98
28) 1,1,1-Trichloroethane	5.280	97	505625	17.527	ug/l	99
29) 1,1-Dichloropropene	5.489	75	430553	16.190	ug/l	99
30) Carbon Tetrachloride	5.489	117	421747	19.599	ug/l	98
31) Isopropyl Ether	3.965	45	878655	14.414	ug/l	99
32) Ethyl-t-butyl ether	4.476	59	831689	15.663	ug/l	100
33) Tert-Amyl methyl ether	5.920	73	732351	16.088	ug/l	99
34) Propionitrile	4.747	54	118675	69.663	ug/l	96
35) Benzene	5.740	78	1199894	15.847	ug/l	99
36) 1,2-Dichloroethane	5.766	62	380698	14.934	ug/l	100
37) Trichloroethene	6.512	130	319341	16.682	ug/l	99
38) 1,2-Dichloropropane	6.762	63	319443	15.990	ug/l	100
39) Methacrylonitrile	4.949	41	104794	13.042	ug/l	98
40) Methyl acrylate	4.820	55	164196	14.895	ug/l	98
41) Tetrahydrofuran	5.033	42	107362	25.725	ug/l	99
42) 1-Chlorobutane	5.425	56	591114	15.947	ug/l	96
43) Dibromomethane	6.891	93	163871	16.575	ug/l	98
44) Bromodichloromethane	7.078	83	410466	19.107	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.775	43	1021275	83.168	ug/l	99
46) t-1,4-Dichloro-2-butene	10.811	75	137983m	30.601	ug/l	
47) Methyl methacrylate	6.943	69	315354	35.289	ug/l	98
48) Ethyl methacrylate	8.315	69	332949	19.798	ug/l	100
49) Toluene	7.942	92	763269	17.952	ug/l	100
50) t-1,3-Dichloropropene	8.187	75	360259	21.702	ug/l	98
51) cis-1,3-Dichloropropene	7.582	75	457879	21.085	ug/l	99
52) 1,1,2-Trichloroethane	8.377	97	225160	16.284	ug/l	98
53) 1,3-Dichloropropane	8.550	76	416845	17.283	ug/l	99
54) 2-Hexanone	8.669	43	923906	99.709	ug/l	99
55) Dibromochloromethane	8.785	129	287530	20.710	ug/l	99
56) 1,2-Dibromoethane	8.901	107	220983	18.216	ug/l	100
58) Tetrachloroethene	8.524	164	322147	16.878	ug/l	98
59) Chlorobenzene	9.422	112	884846	18.308	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.508	131	303352	19.057	ug/l	99
61) Pentachloroethane	11.402	117	208476	18.386	ug/l	100
62) Hexachloroethane	12.450	117	243296	23.361	ug/l	100
63) Ethyl Benzene	9.544	91	1574408	18.940	ug/l	100
64) m/p-Xylenes	9.669	106	1176301	36.926	ug/l	99
65) o-Xylene	10.074	106	577235	18.131	ug/l	98
66) Styrene	10.090	104	953920	18.777	ug/l	100
67) Bromoform	10.267	173	153622	22.000	ug/l	99
69) Isopropylbenzene	10.460	105	1430142	18.490	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	297936	16.969	ug/l	99
71) 1,2,3-Trichloropropane	10.801	75	243453m	17.986	ug/l	
72) Bromobenzene	10.759	156	349354	17.564	ug/l	99
73) n-propylbenzene	10.881	120	412557	18.590	ug/l	99
74) 2-Chlorotoluene	10.962	126	352624	17.663	ug/l	99
75) 1,3,5-Trimethylbenzene	11.065	105	1332607	18.509	ug/l	99
76) 4-Chlorotoluene	11.074	126	359879	17.263	ug/l	99
77) tert-Butylbenzene	11.396	119	1293168	18.497	ug/l	100
78) 1,2,4-Trimethylbenzene	11.444	105	1319794	18.846	ug/l	100
79) sec-Butylbenzene	11.618	105	1727805	18.332	ug/l	99
80) Nitrobenzene	13.183	77	47264	161.171	ug/l #	98
81) p-Isopropyltoluene	11.769	119	1429360	18.851	ug/l	100
82) 1,3-Dichlorobenzene	11.720	146	679465	17.114	ug/l	100
83) 1,4-Dichlorobenzene	11.811	146	674845	16.567	ug/l	99
84) n-Butylbenzene	12.183	91	1317608	18.588	ug/l	99
85) 1,2-Dichlorobenzene	12.187	146	647332	16.935	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.968	75	50885	21.257	ug/l	98
87) 1,2,4-Trichlorobenzene	13.814	180	411899	17.684	ug/l	100
88) Hexachlorobutadiene	13.994	225	241747	16.884	ug/l	98
89) Naphthalene	14.061	128	740694	17.607	ug/l	99
90) 1,2,3-Trichlorobenzene	14.302	180	373922	16.999	ug/l	99

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

