

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063223.D
 Acq On : 10 Feb 2025 15:06
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 11 04:00:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 03:56:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	57821	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	20703	1.085	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	19878	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	176288	9.384	ug/l	100
3) Chloromethane	1.515	50	203794	9.420	ug/l	100
4) Vinyl Chloride	1.599	62	211768	9.893	ug/l	100
5) Bromomethane	1.843	94	110441	11.156	ug/l	100
6) Chloroethane	1.924	64	128364	9.521	ug/l	100
7) Trichlorofluoromethane	2.129	101	244670	9.646	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	133515	9.273	ug/l	100
9) 1,1-Dichloroethene	2.567	96	143583	9.788	ug/l	100
10) Iodomethane	2.708	142	234351	10.162	ug/l	100
11) Allyl Chloride	2.911	41	211288	10.026	ug/l	100
12) Acrylonitrile	3.300	53	74970	22.485	ug/l	100
13) Acetone	2.612	43	136864	52.606	ug/l	100
14) Carbon Disulfide	2.782	76	497871	9.707	ug/l	100
15) Methylene Chloride	3.030	84	175770	9.699	ug/l	100
16) trans-1,2-Dichloroethene	3.338	96	166021	9.916	ug/l	100
17) 1,1-Dichloroethane	3.853	63	311213	9.862	ug/l	100
18) 2-Butanone	4.685	43	227157	54.048	ug/l	100
19) Cyclohexane	5.377	56	262184m	10.340	ug/l	
20) Methylcyclohexane	6.753	83	259112	10.304	ug/l	100
21) 2,2-Dichloropropane	4.647	77	241757	9.820	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	182447	10.086	ug/l	100
23) Diethyl Ether	2.364	59	125036	9.933	ug/l	100
24) tert-Butyl Alcohol	3.158	59	136525	106.650	ug/l	100
25) Methyl tert-Butyl Ether	3.348	73	388982	10.617	ug/l	100
26) Bromochloromethane	4.959	128	78959	9.986	ug/l	100
27) Chloroform	5.071	83	315662	9.912	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	255321	9.897	ug/l	100
29) 1,1-Dichloropropene	5.512	75	235647	10.198	ug/l	100
30) Carbon Tetrachloride	5.512	117	218368	9.870	ug/l	100
31) Isopropyl Ether	3.975	45	470393	10.441	ug/l	100
32) Ethyl-t-butyl ether	4.483	59	436320	10.649	ug/l	100
33) Tert-Amyl methyl ether	5.927	73	397764	11.111	ug/l	100
34) Propionitrile	4.753	54	71557	54.918	ug/l	100
35) Benzene	5.759	78	712587	10.030	ug/l	100
36) 1,2-Dichloroethane	5.779	62	205344	10.014	ug/l	100
37) Trichloroethene	6.531	130	168312	9.962	ug/l	100
38) 1,2-Dichloropropane	6.779	63	188716	10.148	ug/l	100
39) Methacrylonitrile	4.959	41	56424	12.123	ug/l	100
40) Methyl acrylate	4.833	55	95663	11.258	ug/l	100
41) Tetrahydrofuran	5.039	42	59516	21.760	ug/l	100
42) 1-Chlorobutane	5.444	56	326490	10.327	ug/l	100
43) Dibromomethane	6.904	93	94106	9.994	ug/l	100
44) Bromodichloromethane	7.094	83	225813	10.303	ug/l	100

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45) 4-Methyl-2-Pentanone	7.775	43	568881	57.627	ug/l	100
46) t-1,4-Dichloro-2-butene	10.827	75	97536m	19.967	ug/l	
47) Methyl methacrylate	6.949	69	186394	23.502	ug/l	100
48) Ethyl methacrylate	8.322	69	181630	12.196	ug/l	100
49) Toluene	7.959	92	430442	10.535	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	221262	11.027	ug/l	100
51) cis-1,3-Dichloropropene	7.595	75	265202	10.700	ug/l	100
52) 1,1,2-Trichloroethane	8.389	97	131655	10.370	ug/l	100
53) 1,3-Dichloropropane	8.563	76	234008	10.382	ug/l	100
54) 2-Hexanone	8.672	43	392522	58.266	ug/l	100
55) Dibromochloromethane	8.798	129	154464	10.575	ug/l	100
56) 1,2-Dibromoethane	8.914	107	126673	10.638	ug/l	100
58) Tetrachloroethene	8.544	164	135324	9.719	ug/l	100
59) Chlorobenzene	9.438	112	443950	10.297	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.521	131	158424	10.222	ug/l	100
61) Pentachloroethane	11.415	117	139274	10.060	ug/l	100
62) Hexachloroethane	12.467	117	128179	10.465	ug/l	100
63) Ethyl Benzene	9.560	91	811424	10.912	ug/l	100
64) m/p-Xylenes	9.682	106	619391	22.300	ug/l	100
65) o-Xylene	10.090	106	297309	10.934	ug/l	100
66) Styrene	10.103	104	495181	11.443	ug/l	100
67) Bromoform	10.280	173	90220	10.883	ug/l	100
69) Isopropylbenzene	10.473	105	700805	10.963	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	179045	10.464	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	117848m	9.083	ug/l	
72) Bromobenzene	10.772	156	181776	10.554	ug/l	100
73) n-propylbenzene	10.894	120	204779	11.189	ug/l	100
74) 2-Chlorotoluene	10.975	126	182649	10.829	ug/l	100
75) 1,3,5-Trimethylbenzene	11.077	105	664048	11.211	ug/l	100
76) 4-Chlorotoluene	11.087	126	185864	10.745	ug/l	100
77) tert-Butylbenzene	11.409	119	646436	10.791	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	668930	11.382	ug/l	100
79) sec-Butylbenzene	11.634	105	833792	10.932	ug/l	100
80) Nitrobenzene	13.203	77	25795	50.821	ug/l	100
81) p-Isopropyltoluene	11.782	119	675304	11.219	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	344574	10.314	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	347616	10.638	ug/l	100
84) n-Butylbenzene	12.200	91	603657	11.122	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	332012	10.342	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	28133	11.713	ug/l	100
87) 1,2,4-Trichlorobenzene	13.830	180	177895	11.361	ug/l	100
88) Hexachlorobutadiene	14.013	225	105064	9.389	ug/l	100
89) Naphthalene	14.077	128	321601	9.843	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	174986	11.421	ug/l	100

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

