

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060643.D
 Acq On : 06 Sep 2024 14:06
 Operator : MD/SY
 Sample : VSTDICC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015

Quant Time: Sep 07 00:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	43605	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	16216	1.089	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16785	1.046	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	272093	15.855	ug/l	98
3) Chloromethane	1.518	50	256570	13.394	ug/l	99
4) Vinyl Chloride	1.602	62	264638	13.894	ug/l	100
5) Bromomethane	1.856	94	161390	13.717	ug/l	98
6) Chloroethane	1.930	64	145983	12.794	ug/l	99
7) Trichlorofluoromethane	2.133	101	403058	17.070	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	164128	13.236	ug/l	99
9) 1,1-Dichloroethene	2.570	96	167292	12.978	ug/l	98
10) Iodomethane	2.715	142	242419	12.916	ug/l	98
11) Allyl Chloride	2.914	41	230018	13.143	ug/l	100
12) Acrylonitrile	3.322	53	78746m	23.624	ug/l	
13) Acetone	2.653	43	348596	79.949	ug/l	100
14) Carbon Disulfide	2.785	76	555859	12.805	ug/l	100
15) Methylene Chloride	3.036	84	195548	12.197	ug/l	98
16) trans-1,2-Dichloroethene	3.342	96	182146	13.239	ug/l	98
17) 1,1-Dichloroethane	3.856	63	338084	12.784	ug/l	99
18) 2-Butanone	4.714	43	394764	80.301	ug/l	98
19) Cyclohexane	5.380	56	300679m	13.251	ug/l	
20) Methylcyclohexane	6.756	83	318700	17.294	ug/l	100
21) 2,2-Dichloropropane	4.653	77	284959	13.664	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	193463	13.124	ug/l	98
23) Diethyl Ether	2.367	59	138004	13.161	ug/l	99
24) tert-Butyl Alcohol	3.348	59	130623m	102.702	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	405979	12.876	ug/l	100
26) Bromochloromethane	4.965	128	84688	13.415	ug/l	98
27) Chloroform	5.078	83	349450	13.401	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	313696	14.283	ug/l	99
29) 1,1-Dichloropropene	5.518	75	260029	14.731	ug/l	100
30) Carbon Tetrachloride	5.515	117	282571	15.558	ug/l	99
31) Isopropyl Ether	3.981	45	485671	12.724	ug/l	98
32) Ethyl-t-butyl ether	4.493	59	471683	12.721	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	423004	15.599	ug/l	99
34) Propionitrile	4.801	54	72364	53.967	ug/l	# 7
35) Benzene	5.766	78	744637	13.925	ug/l	99
36) 1,2-Dichloroethane	5.785	62	222585	14.722	ug/l	100
37) Trichloroethene	6.534	130	197340	14.778	ug/l	100
38) 1,2-Dichloropropane	6.782	63	196727	13.624	ug/l	100
39) Methacrylonitrile	4.968	41	54118	11.289	ug/l	97
40) Methyl acrylate	4.843	55	103605	12.155	ug/l	99
41) Tetrahydrofuran	5.065	42	53414	20.289	ug/l	93
42) 1-Chlorobutane	5.448	56	348045	14.424	ug/l	100
43) Dibromomethane	6.911	93	93618	12.806	ug/l	98
44) Bromodichloromethane	7.097	83	247864	14.022	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	555156	79.808	ug/l	99
46) t-1,4-Dichloro-2-butene	10.833	75	109806m	28.477	ug/l	
47) Methyl methacrylate	6.956	69	181547	30.647	ug/l	98
48) Ethyl methacrylate	8.328	69	172211	16.911	ug/l	100
49) Toluene	7.962	92	466899	15.734	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	234313	15.926	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	281294	15.917	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	134652	12.651	ug/l	98
53) 1,3-Dichloropropane	8.566	76	239045	13.951	ug/l	97
54) 2-Hexanone	8.682	43	594672	105.920	ug/l	99
55) Dibromochloromethane	8.801	129	167899	14.110	ug/l	98
56) 1,2-Dibromoethane	8.917	107	123643	12.962	ug/l	99
58) Tetrachloroethene	8.547	164	182986	15.128	ug/l	96
59) Chlorobenzene	9.441	112	505247	15.573	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	181494	14.266	ug/l	99
61) Pentachloroethane	11.422	117	146472	13.738	ug/l	98
62) Hexachloroethane	12.467	117	155581	14.968	ug/l	98
63) Ethyl Benzene	9.563	91	893109	17.579	ug/l	99
64) m/p-Xylenes	9.685	106	693381	34.462	ug/l	99
65) o-Xylene	10.094	106	336463	17.351	ug/l	100
66) Styrene	10.107	104	554727	17.347	ug/l	99
67) Bromoform	10.283	173	97720	14.043	ug/l	99
69) Isopropylbenzene	10.476	105	880853	17.762	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	176061	12.540	ug/l	99
71) 1,2,3-Trichloropropane	10.824	75	142404m	13.827	ug/l	
72) Bromobenzene	10.775	156	205084	15.496	ug/l	98
73) n-propylbenzene	10.897	120	248170	18.002	ug/l	97
74) 2-Chlorotoluene	10.978	126	213105	16.553	ug/l	99
75) 1,3,5-Trimethylbenzene	11.081	105	784983	18.149	ug/l	99
76) 4-Chlorotoluene	11.090	126	219794	16.437	ug/l	98
77) tert-Butylbenzene	11.412	119	737277	17.461	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	804351	18.207	ug/l	100
79) sec-Butylbenzene	11.637	105	973214	17.403	ug/l	100
80) Nitrobenzene	13.203	77	33966m	57.058	ug/l	
81) p-Isopropyltoluene	11.785	119	840630	18.485	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	427141	15.545	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	422767	15.534	ug/l	100
84) n-Butylbenzene	12.200	91	776120	17.662	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	399249	15.051	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	28025	13.632	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	249073	16.383	ug/l	100
88) Hexachlorobutadiene	14.013	225	156411	15.764	ug/l	99
89) Naphthalene	14.081	128	392910	15.047	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	219536	15.072	ug/l	99

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

