

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
 Data File : VU059214.D
 Acq On : 12 Jun 2024 08:46
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 13 02:50:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 08:51:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	51498	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.628	95	22547	1.287	ug/l	0.00
Spiked Amount 1.000			Recovery	=	129.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	19654	1.072	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	155388	9.632	ug/l	100
3) Chloromethane	1.516	50	168751	8.689	ug/l	96
4) Vinyl Chloride	1.599	62	181861	9.265	ug/l	99
5) Bromomethane	1.856	94	114344	9.587	ug/l	100
6) Chloroethane	1.930	64	114152	9.040	ug/l	98
7) Trichlorofluoromethane	2.133	101	223193	9.165	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.577	101	126115	10.073	ug/l	97
9) 1,1-Dichloroethene	2.573	96	125825	10.144	ug/l	93
10) Iodomethane	2.715	142	182651	11.679	ug/l	97
11) Allyl Chloride	2.917	41	156278	9.322	ug/l	97
12) Acrylonitrile	3.319	53	58749	20.964	ug/l	99
13) Acetone	2.641	43	234969	55.100	ug/l	99
14) Carbon Disulfide	2.789	76	381051	9.639	ug/l	100
15) Methylene Chloride	3.036	84	154256	9.071	ug/l	96
16) trans-1,2-Dichloroethene	3.345	96	140729	10.398	ug/l	97
17) 1,1-Dichloroethane	3.859	63	268785	9.483	ug/l	99
18) 2-Butanone	4.705	43	267564	56.565	ug/l	98
19) Cyclohexane	5.380	56	213851m	10.425	ug/l	
20) Methylcyclohexane	6.756	83	233131	11.310	ug/l	97
21) 2,2-Dichloropropane	4.657	77	200172	9.549	ug/l	98
22) cis-1,2-Dichloroethene	4.657	96	158195	10.755	ug/l	94
23) Diethyl Ether	2.371	59	109576	9.421	ug/l	95
24) tert-Butyl Alcohol	3.239	59	86223m	115.566	ug/l	
25) Methyl tert-Butyl Ether	3.355	73	307899	10.353	ug/l	99
26) Bromochloromethane	4.966	128	67498	10.866	ug/l	89
27) Chloroform	5.078	83	271697	9.536	ug/l	97
28) 1,1,1-Trichloroethane	5.310	97	220720	9.825	ug/l	99
29) 1,1-Dichloropropene	5.519	75	194580	10.337	ug/l	98
30) Carbon Tetrachloride	5.519	117	182056	9.882	ug/l	98
31) Isopropyl Ether	3.982	45	363698	9.785	ug/l	99
32) Ethyl-t-butyl ether	4.490	59	358355	10.363	ug/l	98
33) Tert-Amyl methyl ether	5.930	73	317275	10.393	ug/l	99
34) Propionitrile	4.785	54	55845	51.537	ug/l	# 94
35) Benzene	5.766	78	598916	10.117	ug/l	100
36) 1,2-Dichloroethane	5.785	62	168707	9.609	ug/l	98
37) Trichloroethene	6.535	130	148029	10.469	ug/l	97
38) 1,2-Dichloropropane	6.782	63	160321	9.536	ug/l	99
39) Methacrylonitrile	4.966	41	40681	10.067	ug/l	95
40) Methyl acrylate	4.840	55	72828m	10.290	ug/l	
41) Tetrahydrofuran	5.056	42	42962	19.878	ug/l	96
42) 1-Chlorobutane	5.451	56	268024	10.302	ug/l	96
43) Dibromomethane	6.914	93	77051	10.122	ug/l	95
44) Bromodichloromethane	7.097	83	195614	9.918	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	421874	51.698	ug/l	98
46) t-1,4-Dichloro-2-butene	10.830	75	62827m	18.143	ug/l	
47) Methyl methacrylate	6.956	69	139165	21.290	ug/l	95
48) Ethyl methacrylate	8.326	69	122508	10.609	ug/l	96
49) Toluene	7.962	92	360101	11.045	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	171710	10.175	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	207734	10.049	ug/l	96
52) 1,1,2-Trichloroethane	8.393	97	110868	9.857	ug/l	97
53) 1,3-Dichloropropane	8.570	76	191729	9.894	ug/l	98
54) 2-Hexanone	8.679	43	389152	51.121	ug/l	97
55) Dibromochloromethane	8.805	129	127115	10.442	ug/l	99
56) 1,2-Dibromoethane	8.917	107	100223	10.160	ug/l	97
58) Tetrachloroethene	8.547	164	144022	11.050	ug/l	97
59) Chlorobenzene	9.441	112	388785	10.899	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	130137	10.185	ug/l	99
61) Pentachloroethane	11.419	117	95567	9.642	ug/l	97
62) Hexachloroethane	12.470	117	107844	10.703	ug/l	92
63) Ethyl Benzene	9.563	91	688958	11.441	ug/l	100
64) m/p-Xylenes	9.689	106	534841	23.545	ug/l	100
65) o-Xylene	10.094	106	256768	11.463	ug/l	96
66) Styrene	10.107	104	428391	9.931	ug/l	98
67) Bromoform	10.284	173	72037	10.930	ug/l	98
69) Isopropylbenzene	10.480	105	672693	11.721	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.776	83	142109	10.050	ug/l	98
71) 1,2,3-Trichloropropane	10.821	75	115042m	10.660	ug/l	
72) Bromobenzene	10.776	156	156335	11.363	ug/l	93
73) n-propylbenzene	10.901	120	186042	10.098	ug/l	95
74) 2-Chlorotoluene	10.981	126	161606	11.523	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	582007	9.889	ug/l	99
76) 4-Chlorotoluene	11.091	126	165851	11.312	ug/l	98
77) tert-Butylbenzene	11.412	119	535999	11.635	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	599305	9.924	ug/l	98
79) sec-Butylbenzene	11.637	105	764667	9.999	ug/l	98
80) Nitrobenzene	13.206	77	20373	51.726	ug/l	97
81) p-Isopropyltoluene	11.788	119	620693	10.106	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	320999	11.010	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	321057	11.012	ug/l	98
84) n-Butylbenzene	12.203	91	596283	10.118	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	304169	11.054	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	20779	10.798	ug/l	93
87) 1,2,4-Trichlorobenzene	13.833	180	181309	12.309	ug/l	99
88) Hexachlorobutadiene	14.013	225	111230	12.097	ug/l	99
89) Naphthalene	14.081	128	276905	11.552	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	166458	12.429	ug/l	99

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

