

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
 Data File : VU047827.D
 Acq On : 06 Apr 2022 12:47
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Apr 07 05:53:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 07 05:50:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	54425	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	20568	1.030	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	24082	1.237	ug/l	0.00
Spiked Amount 1.000			Recovery	=	124.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	193399	9.387	ug/l	100
3) Chloromethane	1.526	50	208521	9.605	ug/l	100
4) Vinyl Chloride	1.607	62	189706	8.645	ug/l	100
5) Bromomethane	1.861	94	122891	9.904	ug/l	100
6) Chloroethane	1.938	64	120176	8.412	ug/l	100
7) Trichlorofluoromethane	2.144	101	255372	9.756	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	148194	9.811	ug/l	100
9) 1,1-Dichloroethene	2.584	96	145187	10.196	ug/l	100
10) Iodomethane	2.726	142	116787	8.343	ug/l	100
11) Allyl Chloride	2.928	41	196243	9.555	ug/l	100
12) Acrylonitrile	3.324	53	71864	20.018	ug/l	100
13) Acetone	2.645	43	136425	33.555	ug/l	100
14) Carbon Disulfide	2.797	76	451079	10.358	ug/l	100
15) Methylene Chloride	3.051	84	168696	9.772	ug/l	100
16) trans-1,2-Dichloroethene	3.356	96	155668	10.190	ug/l	100
17) 1,1-Dichloroethane	3.874	63	259398	9.224	ug/l	100
18) 2-Butanone	4.719	43	199523	38.279	ug/l	100
19) Cyclohexane	5.391	56	210230m	8.252	ug/l	
20) Methylcyclohexane	6.764	83	242686	9.411	ug/l	100
21) 2,2-Dichloropropane	4.668	77	219371	9.183	ug/l	100
22) cis-1,2-Dichloroethene	4.671	96	168267	10.053	ug/l	100
23) Diethyl Ether	2.382	59	108328	8.322	ug/l	100
24) tert-Butyl Alcohol	3.237	59	121839	110.670	ug/l	100
25) Methyl tert-Butyl Ether	3.372	73	362826	9.302	ug/l	100
26) Bromochloromethane	4.980	128	81150	11.062	ug/l	100
27) Chloroform	5.092	83	278844	9.570	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	238415	9.969	ug/l	100
29) 1,1-Dichloropropene	5.530	75	209442	9.654	ug/l	100
30) Carbon Tetrachloride	5.526	117	208478	11.023	ug/l	100
31) Isopropyl Ether	4.002	45	375425	8.575	ug/l	100
32) Ethyl-t-butyl ether	4.513	59	366362	8.350	ug/l	100
33) Tert-Amyl methyl ether	5.947	73	343158	8.775	ug/l	100
34) Propionitrile	4.793	54	63629	47.335	ug/l	100
35) Benzene	5.777	78	606790	9.642	ug/l	100
36) 1,2-Dichloroethane	5.800	62	176909	8.914	ug/l	100
37) Trichloroethene	6.546	130	174257	11.104	ug/l	100
38) 1,2-Dichloropropane	6.793	63	156216	9.606	ug/l	100
39) Methacrylonitrile	4.983	41	47918	9.039	ug/l	100
40) Methyl acrylate	4.854	55	80074	9.213	ug/l	100
41) Tetrahydrofuran	5.070	42	49278	16.397	ug/l	100
42) 1-Chlorobutane	5.462	56	272072	8.851	ug/l	100
43) Dibromomethane	6.922	93	87262	10.598	ug/l	100
44) Bromodichloromethane	7.108	83	205902	10.150	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	480509	44.353	ug/l	100
46) t-1,4-Dichloro-2-butene	10.835	75	87826m	22.378	ug/l	
47) Methyl methacrylate	6.964	69	153191	18.888	ug/l	100
48) Ethyl methacrylate	8.336	69	143932	9.106	ug/l	100
49) Toluene	7.970	92	393442	10.122	ug/l	100
50) t-1,3-Dichloropropene	8.214	75	190753	9.717	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	217703	9.523	ug/l	100
52) 1,1,2-Trichloroethane	8.404	97	124738	10.525	ug/l	100
53) 1,3-Dichloropropane	8.578	76	203436	9.382	ug/l	100
54) 2-Hexanone	8.690	43	347240	41.872	ug/l	100
55) Dibromochloromethane	8.812	129	150644	11.846	ug/l	100
56) 1,2-Dibromoethane	8.928	107	120959	10.809	ug/l	100
58) Tetrachloroethene	8.555	164	158389	11.126	ug/l	100
59) Chlorobenzene	9.449	112	442485	10.818	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	158294	11.485	ug/l	100
61) Pentachloroethane	11.430	117	128915	12.666	ug/l	100
62) Hexachloroethane	12.478	117	121478	11.603	ug/l	100
63) Ethyl Benzene	9.571	91	735052	10.193	ug/l	100
64) m/p-Xylenes	9.697	106	592067	21.435	ug/l	100
65) o-Xylene	10.102	106	277972	10.344	ug/l	100
66) Styrene	10.115	104	491490	11.101	ug/l	100
67) Bromoform	10.291	173	97276	14.000	ug/l	100
69) Isopropylbenzene	10.488	105	744950	10.552	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	161599	10.593	ug/l	100
71) 1,2,3-Trichloropropane	10.828	75	113577m	8.971	ug/l	
72) Bromobenzene	10.783	156	204684	12.529	ug/l	100
73) n-propylbenzene	10.909	120	215954	11.495	ug/l	100
74) 2-Chlorotoluene	10.989	126	192350	11.746	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	639577	10.834	ug/l	100
76) 4-Chlorotoluene	11.098	126	206057	12.204	ug/l	100
77) tert-Butylbenzene	11.423	119	633616	10.977	ug/l	100
78) 1,2,4-Trimethylbenzene	11.468	105	654602	10.862	ug/l	100
79) sec-Butylbenzene	11.645	105	839082	10.619	ug/l	100
80) Nitrobenzene	13.208	77	31390	69.148	ug/l	100
81) p-Isopropyltoluene	11.796	119	722806	11.315	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	407594	12.485	ug/l	100
83) 1,4-Dichlorobenzene	11.838	146	409939	12.653	ug/l	100
84) n-Butylbenzene	12.211	91	671973	11.134	ug/l	100
85) 1,2-Dichlorobenzene	12.214	146	389030	12.527	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	26331	10.505	ug/l	100
87) 1,2,4-Trichlorobenzene	13.841	180	294786	14.845	ug/l	100
88) Hexachlorobutadiene	14.024	225	171372	17.322	ug/l	100
89) Naphthalene	14.089	128	487861	13.091	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	272379	14.778	ug/l	100

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

