

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
 Data File : VU042698.D
 Acq On : 17 Mar 2021 19:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 1:08:10 PM

Quant Time: Mar 18 07:38:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 18 07:25:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.124	96	17094	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	8062	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
68) 1,2-Dichlorobenzene-d4	12.205	152	9024	1.12	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	68758	10.33	ug/l	97
3) Chloromethane	1.527	50	61015	9.69	ug/l	100
4) Vinyl Chloride	1.610	62	61132	10.07	ug/l	99
5) Bromomethane	1.858	94	41418	10.33	ug/l	99
6) Chloroethane	1.935	64	45962	11.10	ug/l	99
7) Trichlorofluoromethane	2.141	101	113169	10.93	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	57398	11.03	ug/l	97
9) 1,1-Dichloroethene	2.588	96	47398	10.56	ug/l	94
10) Iodomethane	2.729	142	80098	11.32	ug/l	100
11) Allyl Chloride	2.932	41	90400	10.51	ug/l	100
12) Acrylonitrile	3.330	53	27896	21.45	ug/l	96
13) Acetone	2.639	43	47546	46.89	ug/l	100
14) Carbon Disulfide	2.800	76	146317	10.39	ug/l	98
15) Methylene Chloride	3.054	84	53797	9.87	ug/l	96
16) trans-1,2-Dichloroethene	3.359	96	50609	10.44	ug/l	99
17) 1,1-Dichloroethane	3.880	63	101446	10.19	ug/l	99
18) 2-Butanone	4.735	43	87086	46.79	ug/l	100
19) Cyclohexane	5.391	56	92353m	10.88	ug/l	
20) Methylcyclohexane	6.771	83	82383	11.19	ug/l	97
21) 2,2-Dichloropropane	4.674	77	88629	9.68	ug/l	100
22) cis-1,2-Dichloroethene	4.678	96	55582	10.17	ug/l	99
23) Diethyl Ether	2.385	59	41227	10.82	ug/l	99
24) tert-Butyl Alcohol	3.218	59	20112	74.55	ug/l #	86
25) Methyl tert-Butyl Ether	3.379	73	139342	10.46	ug/l	97
26) Bromochloromethane	4.986	128	27009	10.30	ug/l	97
27) Chloroform	5.099	83	105363	10.13	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	95556	10.13	ug/l	98
29) 1,1-Dichloropropene	5.533	75	69257	10.46	ug/l	98
30) Carbon Tetrachloride	5.530	117	77529	10.60	ug/l	96
31) Isopropyl Ether	4.012	45	183979	10.33	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	160884	10.16	ug/l	99
33) Tert-Amyl methyl ether	5.960	73	123517	10.72	ug/l	100
34) Propionitrile	4.806	54	22481	54.94	ug/l #	96
35) Benzene	5.784	78	192366	10.35	ug/l	98
36) 1,2-Dichloroethane	5.806	62	73812	10.25	ug/l	99
37) Trichloroethene	6.552	130	53684	10.77	ug/l	97
38) 1,2-Dichloropropane	6.803	63	55863	10.46	ug/l	100
39) Methacrylonitrile	4.993	41	24707	9.54	ug/l	97
40) Methyl acrylate	4.864	55	35009	10.38	ug/l	98
41) Tetrahydrofuran	5.079	42	23614	18.43	ug/l	97
42) 1-Chlorobutane	5.465	56	101608	10.39	ug/l	93
43) Dibromomethane	6.928	93	31319	10.71	ug/l	98
44) Bromodichloromethane	7.118	83	72787	10.62	ug/l	99

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45) 4-Methyl-2-Pentanone	7.812	43	243086	55.36	ug/l	99
46) t-1,4-Dichloro-2-butene	10.844	75	30575m	16.36	ug/l	
47) Methyl methacrylate	6.976	69	56794	22.14	ug/l	98
48) Ethyl methacrylate	8.346	69	58248	11.43	ug/l	95
49) Toluene	7.976	92	130164	11.30	ug/l	99
50) t-1,3-Dichloropropene	8.221	75	68795	11.19	ug/l	98
51) cis-1,3-Dichloropropene	7.620	75	73672	10.73	ug/l	96
52) 1,1,2-Trichloroethane	8.410	97	42547	10.53	ug/l	100
53) 1,3-Dichloropropane	8.587	76	73935	10.62	ug/l	98
54) 2-Hexanone	8.703	43	176703	56.43	ug/l	100
55) Dibromochloromethane	8.819	129	52382	10.92	ug/l	99
56) 1,2-Dibromoethane	8.935	107	42381	10.57	ug/l	99
58) Tetrachloroethene	8.562	164	57084	10.52	ug/l	98
59) Chlorobenzene	9.455	112	142176	10.93	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	56021	11.01	ug/l	98
61) Pentachloroethane	11.436	117	44806	11.45	ug/l	98
62) Hexachloroethane	12.484	117	47769	11.81	ug/l	99
63) Ethyl Benzene	9.578	91	261751	11.84	ug/l	99
64) m/p-Xylenes	9.703	106	204166	23.97	ug/l	99
65) o-Xylene	10.108	106	97627	11.84	ug/l	100
66) Styrene	10.121	104	174616	12.38	ug/l	99
67) Bromoform	10.301	173	35178	11.25	ug/l	97
69) Isopropylbenzene	10.494	105	270211	12.06	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.793	83	60637	11.37	ug/l	98
71) 1,2,3-Trichloropropane	10.838	75	52462m	12.50	ug/l	
72) Bromobenzene	10.790	156	71243	11.31	ug/l	98
73) n-propylbenzene	10.912	120	75187	11.96	ug/l	98
74) 2-Chlorotoluene	10.992	126	66090	11.57	ug/l	98
75) 1,3,5-Trimethylbenzene	11.095	105	246335	12.28	ug/l	100
76) 4-Chlorotoluene	11.105	126	73240	12.10	ug/l	99
77) tert-Butylbenzene	11.430	119	235930	11.83	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	256926	12.40	ug/l	100
79) sec-Butylbenzene	11.652	105	322183	11.98	ug/l	99
80) Nitrobenzene	13.217	77	7154	42.01	ug/l #	93
81) p-Isopropyltoluene	11.803	119	277068	12.24	ug/l	100
82) 1,3-Dichlorobenzene	11.754	146	141353	11.25	ug/l	98
83) 1,4-Dichlorobenzene	11.844	146	144989	11.47	ug/l	100
84) n-Butylbenzene	12.217	91	268767	12.38	ug/l	98
85) 1,2-Dichlorobenzene	12.221	146	141359	11.46	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.005	75	11542	11.60	ug/l	98
87) 1,2,4-Trichlorobenzene	13.851	180	95314	11.51	ug/l	98
88) Hexachlorobutadiene	14.031	225	61853	11.12	ug/l	99
89) Naphthalene	14.095	128	162571	9.88	ug/l	100
90) 1,2,3-Trichlorobenzene	14.339	180	91467	11.63	ug/l	98

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

