

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U031019\
 Data File : VU029875.D
 Acq On : 08 Mar 2019 09:07
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 6:55:26 PM

Quant Time: Mar 08 22:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030719DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 08 00:30:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	65013	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	25638	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	28197	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	204888	9.418	ug/l	99
3) Chloromethane	1.33	50	178460	9.213	ug/l	99
4) Vinyl Chloride	1.40	62	205941	9.450	ug/l	99
5) Bromomethane	1.62	94	123762	8.317	ug/l	100
6) Chloroethane	1.69	64	124462	9.525	ug/l	96
7) Trichlorofluoromethane	1.88	101	282717	9.520	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	164057	9.496	ug/l	98
9) 1,1-Dichloroethene	2.28	96	156550	9.258	ug/l	95
10) Iodomethane	2.41	142	165040	8.807	ug/l	99
11) Allyl Chloride	2.59	41	224492	9.443	ug/l	99
12) Acrylonitrile	2.93	53	69048	18.726	ug/l	99
13) Acetone	2.32	43	151171	49.501	ug/l	97
14) Carbon Disulfide	2.47	76	491079	8.967	ug/l	99
15) Methylene Chloride	2.69	84	180673	8.904	ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	176402	9.234	ug/l	100
17) 1,1-Dichloroethane	3.44	63	310786	9.723	ug/l	99
18) 2-Butanone	4.27	43	212971	51.315	ug/l	98
19) Cyclohexane	4.99	56	248018m	9.994	ug/l	
20) Methylcyclohexane	6.41	83	295531	10.225	ug/l	100
21) 2,2-Dichloropropane	4.22	77	259488	9.932	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	198850	9.822	ug/l	99
23) Diethyl Ether	2.10	59	118294	9.330	ug/l	98
24) tert-Butyl Alcohol	2.83	59	125735	96.142	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	404855	9.507	ug/l	100
26) Bromochloromethane	4.54	128	88476	9.844	ug/l	99
27) Chloroform	4.67	83	317627	9.814	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	269624	9.825	ug/l	100
29) 1,1-Dichloropropene	5.13	75	237273	9.730	ug/l	98
30) Carbon Tetrachloride	5.13	117	238504	9.962	ug/l	98
31) Isopropyl Ether	3.57	45	438412	9.945	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	426717	9.958	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	405168	10.225	ug/l	99
34) Propionitrile	4.33	54	62015	50.233	ug/l	97
35) Benzene	5.38	78	713414	9.931	ug/l	99
36) 1,2-Dichloroethane	5.40	62	188505	9.607	ug/l	100
37) Trichloroethene	6.18	130	203604	9.707	ug/l	99
38) 1,2-Dichloropropane	6.43	63	180749	9.940	ug/l	100
39) Methacrylonitrile	4.54	41	51836	9.982	ug/l	98
40) Methyl acrylate	4.42	55	83335	10.152	ug/l	99
41) Tetrahydrofuran	4.65	42	51534	18.973	ug/l	99
42) 1-Chlorobutane	5.06	56	310660	9.971	ug/l	97

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43) Dibromomethane	6.56	93	93010	9.869	ug/l	99
44) Bromodichloromethane	6.75	83	225877	9.759	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	500306	50.900	ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	88317m	21.492	ug/l	
47) Methyl methacrylate	6.62	69	170321	21.060	ug/l	99
48) Ethyl methacrylate	8.02	69	168428	10.869	ug/l	99
49) Toluene	7.63	92	446408	10.119	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	209369	10.322	ug/l	97
51) cis-1,3-Dichloropropene	7.26	75	257364	10.249	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	138413	9.922	ug/l	97
53) 1,3-Dichloropropane	8.24	76	223381	9.763	ug/l	100
54) 2-Hexanone	8.36	43	361493	52.955	ug/l	100
55) Dibromochloromethane	8.47	129	167167	10.097	ug/l	99
56) 1,2-Dibromoethane	8.58	107	130208	9.844	ug/l	100
58) Tetrachloroethene	8.22	164	210942	9.846	ug/l	98
59) Chlorobenzene	9.12	112	506234	9.985	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	180082	9.901	ug/l	100
61) Pentachloroethane	11.10	117	123337	9.740	ug/l	99
62) Hexachloroethane	12.14	117	140359	10.537	ug/l	97
63) Ethyl Benzene	9.24	91	861137	10.368	ug/l	99
64) m/p-Xylenes	9.37	106	691908	21.073	ug/l	99
65) o-Xylene	9.77	106	330582	10.483	ug/l	99
66) Styrene	9.79	104	559605	10.682	ug/l	99
67) Bromoform	9.95	173	101334	10.421	ug/l	100
69) Isopropylbenzene	10.16	105	879116	10.513	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	165960	9.755	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	122238m	9.668	ug/l	
72) Bromobenzene	10.45	156	223418	10.094	ug/l	98
73) n-propylbenzene	10.58	120	250775	10.668	ug/l	99
74) 2-Chlorotoluene	10.66	126	212874	10.209	ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	745291	10.580	ug/l	99
76) 4-Chlorotoluene	10.77	126	223436	10.508	ug/l	98
77) tert-Butylbenzene	11.10	119	732498	10.510	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	768966	10.802	ug/l	99
79) sec-Butylbenzene	11.32	105	996746	10.791	ug/l	100
80) Nitrobenzene	12.86	77	17966	58.171	ug/l #	94
81) p-Isopropyltoluene	11.47	119	841346	10.880	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	446588	10.188	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	441274	10.302	ug/l	99
84) n-Butylbenzene	11.89	91	761593	10.809	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	412814	9.987	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	24730	10.181	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	286345	10.817	ug/l	99
88) Hexachlorobutadiene	13.69	225	169481	10.165	ug/l	98
89) Naphthalene	13.74	128	474238	9.289	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	261993	10.535	ug/l	98

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

