

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072920\
 Data File : VU039699.D
 Acq On : 29 Jul 2020 12:38
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 3:43:01 PM

Quant Time: Jul 30 01:35:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 01:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.13	96	21160	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	8595	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8321	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	73565	10.179	ug/l	100
3) Chloromethane	1.53	50	86433	10.046	ug/l	100
4) Vinyl Chloride	1.61	62	80706	9.574	ug/l	100
5) Bromomethane	1.86	94	50105	9.584	ug/l	100
6) Chloroethane	1.94	64	54456	10.596	ug/l	100
7) Trichlorofluoromethane	2.15	101	108134	11.775	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	61580	10.931	ug/l	100
9) 1,1-Dichloroethene	2.59	96	57031	10.194	ug/l	100
10) Iodomethane	2.74	142	68946	18.523	ug/l	100
11) Allyl Chloride	2.93	41	121067	11.426	ug/l	100
12) Acrylonitrile	3.33	53	38766m	24.385	ug/l	
13) Acetone	2.64	43	90985	69.136	ug/l	100
14) Carbon Disulfide	2.81	76	208806	10.223	ug/l	100
15) Methylene Chloride	3.06	84	69859	8.999	ug/l	100
16) trans-1,2-Dichloroethene	3.37	96	64105	10.443	ug/l	100
17) 1,1-Dichloroethane	3.89	63	141414	11.802	ug/l	100
18) 2-Butanone	4.74	43	152612	75.163	ug/l	100
19) Cyclohexane	5.40	56	133753m	11.599	ug/l	
20) Methylcyclohexane	6.77	83	109816	10.065	ug/l	100
21) 2,2-Dichloropropane	4.68	77	112357	11.345	ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	69254	10.646	ug/l	100
23) Diethyl Ether	2.39	59	57239	11.412	ug/l	100
24) tert-Butyl Alcohol	3.20	59	68821	120.356	ug/l	100
25) Methyl tert-Butyl Ether	3.39	73	187412	11.840	ug/l	100
26) Bromochloromethane	4.99	128	27979	10.662	ug/l	100
27) Chloroform	5.11	83	129770	11.587	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	106469	11.590	ug/l	100
29) 1,1-Dichloropropene	5.54	75	101681	11.099	ug/l	100
30) Carbon Tetrachloride	5.54	117	87896	11.479	ug/l	100
31) Isopropyl Ether	4.02	45	257268	12.816	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	219612	12.269	ug/l	100
33) Tert-Amyl methyl ether	5.97	73	161945	10.807	ug/l	100
34) Propionitrile	4.80	54	38433	68.133	ug/l	100
35) Benzene	5.79	78	252240	10.034	ug/l	100
36) 1,2-Dichloroethane	5.81	62	94665	12.172	ug/l	100
37) Trichloroethene	6.55	130	59305	9.111	ug/l	100
38) 1,2-Dichloropropane	6.81	63	73303	10.681	ug/l	100
39) Methacrylonitrile	5.00	41	36553	13.725	ug/l	100
40) Methyl acrylate	4.87	55	51843	13.402	ug/l	100
41) Tetrahydrofuran	5.08	42	37189	27.780	ug/l	100
42) 1-Chlorobutane	5.47	56	160613	11.955	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	37404	11.483	ug/l	100
44) Bromodichloromethane	7.12	83	91243	11.271	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	303991	66.299	ug/l	100
46) t-1,4-Dichloro-2-butene	10.84	75	32117m	22.923	ug/l	100
47) Methyl methacrylate	6.98	69	77001	23.333	ug/l	100
48) Ethyl methacrylate	8.35	69	70797	11.654	ug/l	100
49) Toluene	7.98	92	161003	10.139	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	87903	10.778	ug/l	100
51) cis-1,3-Dichloropropene	7.62	75	99438	10.255	ug/l	100
52) 1,1,2-Trichloroethane	8.41	97	49821	10.943	ug/l	100
53) 1,3-Dichloropropane	8.58	76	95948	11.199	ug/l	100
54) 2-Hexanone	8.70	43	218665	67.252	ug/l	100
55) Dibromochloromethane	8.82	129	56631	11.237	ug/l	100
56) 1,2-Dibromoethane	8.93	107	49411	11.415	ug/l	100
58) Tetrachloroethene	8.56	164	51336	8.602	ug/l	100
59) Chlorobenzene	9.45	112	166401	9.908	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	55678	10.770	ug/l	100
61) Pentachloroethane	11.43	117	50060	12.510	ug/l	100
62) Hexachloroethane	12.47	117	47316	11.543	ug/l	100
63) Ethyl Benzene	9.57	91	313466	10.422	ug/l	100
64) m/p-Xylenes	9.70	106	247331	21.295	ug/l	100
65) o-Xylene	10.10	106	115109	10.226	ug/l	100
66) Styrene	10.11	104	203476	10.882	ug/l	100
67) Bromoform	10.29	173	30125	11.377	ug/l	100
69) Isopropylbenzene	10.48	105	308857	10.483	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	74055	12.372	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	62049m	13.734	ug/l	100
72) Bromobenzene	10.78	156	66560	10.164	ug/l	100
73) n-propylbenzene	10.91	120	87081	10.748	ug/l	100
74) 2-Chlorotoluene	10.99	126	70977	10.432	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	276020	11.172	ug/l	100
76) 4-Chlorotoluene	11.10	126	75685	10.682	ug/l	100
77) tert-Butylbenzene	11.42	119	257977	10.995	ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	284226	11.170	ug/l	100
79) sec-Butylbenzene	11.64	105	366590	10.930	ug/l	100
80) Nitrobenzene	13.20	77	6279	38.621	ug/l	100
81) p-Isopropyltoluene	11.79	119	301142	11.114	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	142854	10.439	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	142483	10.292	ug/l	100
84) n-Butylbenzene	12.20	91	313469	11.517	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	138145	10.761	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13240	13.594	ug/l	100
87) 1,2,4-Trichlorobenzene	13.83	180	89255	9.708	ug/l	100
88) Hexachlorobutadiene	14.01	225	38670	9.499	ug/l	100
89) Naphthalene	14.08	128	200614	11.091	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	83388	10.126	ug/l	100

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

