

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U073120\
 Data File : VU039733.D
 Acq On : 31 Jul 2020 14:55
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Quant Time: Aug 01 01:40:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	24150	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	8363	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8579	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.39	85	70538	8.406	ug/l	99
3) Chloromethane	1.53	50	87673	8.410	ug/l	99
4) Vinyl Chloride	1.61	62	84018	8.745	ug/l	98
5) Bromomethane	1.86	94	60847	9.260	ug/l	100
6) Chloroethane	1.94	64	75946	11.393	ug/l	96
7) Trichlorofluoromethane	2.15	101	111966	8.811	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	62735	8.602	ug/l	99
9) 1,1-Dichloroethene	2.59	96	57877	8.625	ug/l	98
10) Iodomethane	2.73	142	77937	11.516	ug/l	99
11) Allyl Chloride	2.93	41	121225	8.375	ug/l	100
12) Acrylonitrile	3.33	53	42870	18.202	ug/l	95
13) Acetone	2.65	43	89582	40.423	ug/l	100
14) Carbon Disulfide	2.80	76	209351	8.508	ug/l	99
15) Methylene Chloride	3.06	84	71900	7.687	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	66385	8.702	ug/l	97
17) 1,1-Dichloroethane	3.89	63	143381	8.559	ug/l	100
18) 2-Butanone	4.74	43	150961	40.509	ug/l	99
19) Cyclohexane	5.40	56	132000m	8.141	ug/l	
20) Methylcyclohexane	6.77	83	115767	9.636	ug/l	97
21) 2,2-Dichloropropane	4.68	77	107364	7.857	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	70310	8.551	ug/l	97
23) Diethyl Ether	2.39	59	59454	8.666	ug/l	95
24) tert-Butyl Alcohol	3.24	59	71126	85.921	ug/l #	85
25) Methyl tert-Butyl Ether	3.38	73	190135	8.684	ug/l	100
26) Bromochloromethane	4.99	128	29556	8.785	ug/l	96
27) Chloroform	5.11	83	131522	8.389	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	107333	8.461	ug/l	98
29) 1,1-Dichloropropene	5.54	75	102000	8.350	ug/l	99
30) Carbon Tetrachloride	5.54	117	89254	8.604	ug/l	99
31) Isopropyl Ether	4.02	45	252007	8.248	ug/l	99
32) Ethyl-t-butyl ether	4.53	59	217342	8.359	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	183962	9.814	ug/l	99
34) Propionitrile	4.81	54	41584	45.234	ug/l #	96
35) Benzene	5.79	78	283016	9.366	ug/l	99
36) 1,2-Dichloroethane	5.81	62	108567	9.585	ug/l	99
37) Trichloroethene	6.55	130	61394	8.880	ug/l	91
38) 1,2-Dichloropropane	6.80	63	78468	9.422	ug/l	99
39) Methacrylonitrile	5.00	41	37610	7.763	ug/l	99
40) Methyl acrylate	4.87	55	54664	8.750	ug/l	98
41) Tetrahydrofuran	5.09	42	40008	16.414	ug/l	98
42) 1-Chlorobutane	5.47	56	159161	8.301	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	41101	9.171	ug/l	96
44) Bromodichloromethane	7.12	83	91615	8.916	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	320173	47.161	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	39288m	19.457	ug/l	
47) Methyl methacrylate	6.98	69	82299	19.688	ug/l	95
48) Ethyl methacrylate	8.35	69	72074	9.368	ug/l	97
49) Toluene	7.98	92	161557	8.982	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	85194	9.205	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	97105	8.927	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	53175	9.132	ug/l	99
53) 1,3-Dichloropropane	8.58	76	99984	8.943	ug/l	100
54) 2-Hexanone	8.70	43	228816	47.075	ug/l	99
55) Dibromochloromethane	8.82	129	56856	9.093	ug/l	99
56) 1,2-Dibromoethane	8.93	107	50151	8.938	ug/l	98
58) Tetrachloroethene	8.56	164	52510	8.676	ug/l	98
59) Chlorobenzene	9.45	112	163145	8.772	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	54985	8.768	ug/l	98
61) Pentachloroethane	11.43	117	48613	8.823	ug/l	96
62) Hexachloroethane	12.47	117	46206	9.150	ug/l	98
63) Ethyl Benzene	9.57	91	307358	9.221	ug/l	99
64) m/p-Xylenes	9.70	106	246780	18.950	ug/l	99
65) o-Xylene	10.10	106	115051	9.305	ug/l	98
66) Styrene	10.11	104	203685	9.613	ug/l	100
67) Bromoform	10.29	173	30553	9.579	ug/l	100
69) Isopropylbenzene	10.48	105	301399	9.126	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	76697	9.150	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	61478m	9.736	ug/l	
72) Bromobenzene	10.78	156	65971	8.796	ug/l	99
73) n-propylbenzene	10.91	120	84848	9.138	ug/l	99
74) 2-Chlorotoluene	10.99	126	70987	9.050	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	269584	9.443	ug/l	99
76) 4-Chlorotoluene	11.10	126	75763	9.325	ug/l	100
77) tert-Butylbenzene	11.42	119	253764	9.265	ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	287363	9.814	ug/l	99
79) sec-Butylbenzene	11.64	105	361222	9.266	ug/l	100
80) Nitrobenzene	13.20	77	6925	48.822	ug/l	98
81) p-Isopropyltoluene	11.79	119	296833	9.448	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	141656	8.775	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	141387	8.707	ug/l	100
84) n-Butylbenzene	12.20	91	307124	9.204	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	136388	8.766	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13714	9.713	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	83263	8.556	ug/l	99
88) Hexachlorobutadiene	14.01	225	37925	8.582	ug/l	98
89) Naphthalene	14.08	128	190117	9.131	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	80800	8.796	ug/l	100

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

