Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080520\
Data File : VU039742.D
Acq On : 05 Aug 2020 10:35
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010

Quant Time: Aug 06 01:35:52 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	23182	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	9810	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery = 108.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	7895	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery = 89.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	75030	9.314	ug/l	99
3) Chloromethane	1.53	50	98777	9.871	ug/l	100
4) Vinyl Chloride	1.61	62	95687	10.376	ug/l	96
5) Bromomethane	1.86	94	54296	8.608	ug/l	99
6) Chloroethane	1.94	64	68804	10.753	ug/l	97
7) Trichlorofluoromethane	2.14	101	137275	11.254	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	67166	9.594	ug/l	98
9) 1,1-Dichloroethene	2.59	96	58314	9.053	ug/l	98
10) Iodomethane	2.73	142	76184	11.727	ug/l	99
11) Allyl Chloride	2.93	41	119133	8.574	ug/l	99
12) Acrylonitrile	3.34	53	40386	17.863	ug/l	91
13) Acetone	2.66	43	99806	46.917	ug/l	99
14) Carbon Disulfide	2.80	76	198190	8.390	ug/l	100
15) Methylene Chloride	3.06	84	73892	8.230	ug/l	97
16) trans-1,2-Dichloroethene	3.37	96	66845	9.128	ug/l	98
17) 1,1-Dichloroethane	3.89	63	145190	9.029	ug/l	98
18) 2-Butanone	4.73	43	151347	42.308	ug/l	99
19) Cyclohexane	5.40	56	131489m	8.448	ug/l	
20) Methylcyclohexane	6.77	83	123926	10.745	ug/l	99
21) 2,2-Dichloropropane	4.68	77	114164	8.703	ug/l	97
22) cis-1,2-Dichloroethene	4.68	96	73915	9.364	ug/l	96
23) Diethyl Ether	2.39	59	70658	10.729	ug/l	97
24) tert-Butyl Alcohol	3.25	59	51661m	62.799	ug/l	
25) Methyl tert-Butyl Ether	3.38	73	189952	9.038	ug/l	100
26) Bromochloromethane	4.99	128	30000	9.289	ug/l	93
27) Chloroform	5.11	83	137036	9.106	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	111820	9.183	ug/l	99
29) 1,1-Dichloropropene	5.54	75	105335	8.983	ug/l	99
30) Carbon Tetrachloride	5.54	117	95789	9.620	ug/l	98
31) Isopropyl Ether	4.01	45	256361	8.741	ug/l	100
32) Ethyl-t-butyl ether	4.52	59	218745	8.764	ug/l	97
33) Tert-Amyl methyl ether	5.95	73	187608	10.426	ug/l	99
34) Propionitrile	4.82	54	40700	46.121	ug/l #	1
35) Benzene	5.79	78	293615	10.123	ug/l	100
36) 1,2-Dichloroethane	5.81	62	106952	9.836	ug/l	99
37) Trichloroethene	6.55	130	65956	9.938	ug/l	98
38) 1,2-Dichloropropane	6.80	63	83695	10.469	ug/l	98
39) Methacrylonitrile	4.99	41	35724	7.682	ug/l	98
40) Methyl acrylate	4.86	55	58027	9.676	ug/l #	95
41) Tetrahydrofuran	5.08	42	36093	15.426	ug/l	99
42) 1-Chlorobutane	5.47	56	163903	8.906	ug/l	99

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Quant Time: Aug 06 01:35:52 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)
43) Dibromomethane	6.93	93	41523	9.652 ug/l	98
44) Bromodichloromethane	7.11	83	103577	10.501 ug/l	100
45) 4-Methyl-2-Pentanone	7.80	43	339567	52.106 ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	36364m	18.761 ug/l	
47) Methyl methacrylate	6.97	69	84941	21.169 ug/l	98
48) Ethyl methacrylate	8.34	69	78207	10.590 ug/l	100
49) Toluene	7.98	92	180362	10.447 ug/l	98
50) t-1,3-Dichloropropene	8.21	75	100126	11.271 ug/l	98
51) cis-1,3-Dichloropropene	7.61	75	114358	10.952 ug/l	96
52) 1,1,2-Trichloroethane	8.41	97	55106	9.859 ug/l	100
53) 1,3-Dichloropropane	8.58	76	106620	9.934 ug/l	100
54) 2-Hexanone	8.69	43	248385	53.234 ug/l	100
55) Dibromochloromethane	8.81	129	60863	10.140 ug/l	99
56) 1,2-Dibromoethane	8.93	107	52110	9.675 ug/l	98
58) Tetrachloroethene	8.56	164	56709	9.761 ug/l	97
59) Chlorobenzene	9.45	112	179817	10.072 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	61034	10.139 ug/l	99
61) Pentachloroethane	11.43	117	50377	9.525 ug/l	99
62) Hexachloroethane	12.47	117	48730	10.052 ug/l	98
63) Ethyl Benzene	9.57	91	339646	10.615 ug/l	100
64) m/p-Xylenes	9.69	106	265546	21.242 ug/l	100
65) o-Xylene	10.10	106	123225	10.382 ug/l	100
66) Styrene	10.11	104	215119	10.577 ug/l	99
67) Bromoform	10.29	173	31914	10.423 ug/l	99
69) Isopropylbenzene	10.48	105	329994	10.409 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	75393	9.370 ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	53978m	8.905 ug/l	
72) Bromobenzene	10.78	156	67867	9.427 ug/l	95
73) n-propylbenzene	10.91	120	91154	10.227 ug/l	97
74) 2-Chlorotoluene	10.98	126	73351	9.742 ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	285685	10.425 ug/l	99
76) 4-Chlorotoluene	11.10	126	78893	10.116 ug/l	97
77) tert-Butylbenzene	11.42	119	266175	10.124 ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	298745	10.629 ug/l	99
79) sec-Butylbenzene	11.64	105	380268	10.162 ug/l	100
80) Nitrobenzene	13.20	77	6813	50.038 ug/l	99
81) p-Isopropyltoluene	11.79	119	311453	10.328 ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	141933	9.160 ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	143649	9.216 ug/l	99
84) n-Butylbenzene	12.20	91	321640	10.041 ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	135591	9.078 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13655	10.075 ug/l	95
87) 1,2,4-Trichlorobenzene	13.83	180	84222	9.016 ug/l	98
88) Hexachlorobutadiene	14.01	225	37785	8.907 ug/l	99
89) Naphthalene	14.08	128	178750	8.943 ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	78700	8.925 ug/l	99

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

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