Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027353.D
Acq On : 02 Oct 2018 20:41
Operator : MD/SY
Sample : VU1003WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 03 09:39:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 09:31:21 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VU1003WBS01

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	21542	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	7084	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery = 87.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	7052	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	14412	1.995	ug/l	99
3) Chloromethane	1.33	50	17350	2.068	ug/l	100
4) Vinyl Chloride	1.40	62	16887	1.978	ug/l	100
5) Bromomethane	1.63	94	10274	2.878	ug/l	94
6) Chloroethane	1.70	64	17215	2.845	ug/l	99
7) Trichlorofluoromethane	1.89	101	20895	2.112	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11469	1.971	ug/l	97
9) 1,1-Dichloroethene	2.29	96	9512	1.963	ug/l	97
10) Iodomethane	2.41	142	8775	1.607	ug/l	100
11) Allyl Chloride	2.59	41	24618	1.923	ug/l	98
12) Acrylonitrile	2.94	53	7385	4.414	ug/l	98
13) Acetone	2.32	43	15987	10.785	ug/l	97
14) Carbon Disulfide	2.48	76	28756	1.910	ug/l	100
15) Methylene Chloride	2.70	84	19570	3.149	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	10669	1.893	ug/l	99
17) 1,1-Dichloroethane	3.45	63	27223	2.001	ug/l	99
18) 2-Butanone	4.29	43	26982	10.533	ug/l	98
19) Cyclohexane	4.98	56	20346	1.980	ug/l	99
20) Methylcyclohexane	6.41	83	15997	1.733	ug/l	95
21) 2,2-Dichloropropane	4.23	77	22034	1.891	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	13714	2.019	ug/l	98
23) Diethyl Ether	2.11	59	11086	2.144	ug/l	95
24) tert-Butyl Alcohol	2.85	59	13078	22.366	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	31149	1.926	ug/l	96
26) Bromochloromethane	4.55	128	5304	2.125	ug/l	98
27) Chloroform	4.67	83	24832	1.999	ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	20026	1.988	ug/l	100
29) 1,1-Dichloropropene	5.13	75	18396	2.028	ug/l	96
30) Carbon Tetrachloride	5.13	117	16635	1.997	ug/l	96
31) Isopropyl Ether	3.58	45	50803	1.963	ug/l	97
32) Ethyl-t-butyl ether	4.08	59	40581	2.008	ug/l	97
33) Tert-Amyl methyl ether	5.59	73	33266	2.056	ug/l	99
34) Propionitrile	4.34	54	7485	11.328	ug/l #	98
35) Benzene	5.39	78	52476	1.978	ug/l	99
36) 1,2-Dichloroethane	5.40	62	18115	2.083	ug/l	97
37) Trichloroethene	6.18	130	11786	2.001	ug/l	94
38) 1,2-Dichloropropane	6.44	63	15353	1.914	ug/l	96
39) Methacrylonitrile	4.56	41	7367	2.130	ug/l	98
40) Methyl acrylate	4.43	55	9093	2.065	ug/l #	96
41) Tetrahydrofuran	4.66	42	7792	4.492	ug/l	96
42) 1-Chlorobutane	5.06	56	29527	2.023	ug/l	99

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Quant Time: Oct 03 09:39:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 09:31:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	7288	2.184 ug/l		99
44) Bromodichloromethane	6.76	83	18321	2.023 ug/l		99
45) 4-Methyl-2-Pentanone	7.48	43	50496	9.827 ug/l		97
46) t-1,4-Dichloro-2-butene	10.51	75	5090m	3.417 ug/l		
47) Methyl methacrylate	6.64	69	12446	3.704 ug/l		94
48) Ethyl methacrylate	8.03	69	10501	1.794 ug/l		99
49) Toluene	7.64	92	26834	1.850 ug/l		98
50) t-1,3-Dichloropropene	7.88	75	16091	2.001 ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	18297	1.899 ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	9905	2.109 ug/l		93
53) 1,3-Dichloropropane	8.25	76	18038	2.024 ug/l		100
54) 2-Hexanone	8.38	43	34088	9.601 ug/l		94
55) Dibromochloromethane	8.48	129	10534	2.031 ug/l		98
56) 1,2-Dibromoethane	8.59	107	8647	2.083 ug/l		96
58) Tetrachloroethene	8.22	164	10233	1.960 ug/l		97
59) Chlorobenzene	9.12	112	27741	1.834 ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.21	131	11825	2.033 ug/l		98
61) Pentachloroethane	11.10	117	9547	1.986 ug/l		100
62) Hexachloroethane	12.15	117	9412	2.053 ug/l		99
63) Ethyl Benzene	9.25	91	42674	1.643 ug/l		100
64) m/p-Xylenes	9.38	106	33308	3.421 ug/l		100
65) o-Xylene	9.78	106	16113	1.743 ug/l		100
66) Styrene	9.79	104	28115	1.733 ug/l		99
67) Bromoform	9.96	173	5776	2.082 ug/l		99
69) Isopropylbenzene	10.17	105	42259	1.734 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	13690	2.158 ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	11945m	2.440 ug/l		
72) Bromobenzene	10.46	156	11739	1.996 ug/l		98
73) n-propylbenzene	10.59	120	11705	1.784 ug/l		90
74) 2-Chlorotoluene	10.66	126	11051	1.842 ug/l		90
75) 1,3,5-Trimethylbenzene	10.77	105	40399	1.863 ug/l		98
76) 4-Chlorotoluene	10.77	126	12217	1.985 ug/l		97
77) tert-Butylbenzene	11.10	119	36822	1.799 ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	40614	1.863 ug/l		99
79) sec-Butylbenzene	11.32	105	51855	1.846 ug/l		100
80) Nitrobenzene	12.86	77	2805	10.755 ug/l	#	96
81) p-Isopropyltoluene	11.48	119	41823	1.910 ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	26764	2.161 ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	24352	1.965 ug/l		96
84) n-Butylbenzene	11.89	91	42405	1.926 ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	23155	2.021 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2182	2.271 ug/l		94
87) 1,2,4-Trichlorobenzene	13.50	180	13221	1.820 ug/l		98
88) Hexachlorobutadiene	13.69	225	9674	2.014 ug/l		98
89) Naphthalene	13.75	128	23158	1.808 ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	15572	2.168 ug/l		98

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

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