Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027344.D
Acq On : 02 Oct 2018 15:41
Operator : MD/SY
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 03 02:19:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 02:08:26 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	21659	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	7374	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	6346	0.83	ug/l		0.00
Spiked Amount 1.000			Recovery = 83.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	7179	1.200	ug/l		96
3) Chloromethane	1.33	50	8500	1.143	ug/l		99
4) Vinyl Chloride	1.40	62	8627	1.216	ug/l	#	87
5) Bromomethane	1.63	94	3514	0.736	ug/l		93
6) Chloroethane	1.70	64	6201	1.533	ug/l		98
7) Trichlorofluoromethane	1.89	101	10121	1.194	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5743	1.162	ug/l		96
9) 1,1-Dichloroethene	2.29	96	4733	1.021	ug/l		93
10) Iodomethane	2.41	142	4780	1.225	ug/l		97
11) Allyl Chloride	2.59	41	12984	1.466	ug/l		99
12) Acrylonitrile	2.94	53	3313	2.743	ug/l		97
13) Acetone	2.32	43	7840	7.154	ug/l		98
14) Carbon Disulfide	2.48	76	15279	1.135	ug/l		100
15) Methylene Chloride	2.70	84	6936	1.232	ug/l		97
16) trans-1,2-Dichloroethene	2.98	96	5544	1.117	ug/l		93
17) 1,1-Dichloroethane	3.45	63	13444	1.275	ug/l		97
18) 2-Butanone	4.29	43	14212	7.992	ug/l		96
19) Cyclohexane	4.99	56	9741	1.111	ug/l		96
20) Methylcyclohexane	6.41	83	8957	0.944	ug/l		94
21) 2,2-Dichloropropane	4.23	77	11776	1.474	ug/l		97
22) cis-1,2-Dichloroethene	4.23	96	6724	1.090	ug/l		96
23) Diethyl Ether	2.11	59	5023	1.232	ug/l		90
24) tert-Butyl Alcohol	2.84	59	5909	12.027	ug/l		96
25) Methyl tert-Butyl Ether	3.01	73	15958	1.248	ug/l	#	91
26) Bromochloromethane	4.55	128	2601	0.997	ug/l		91
27) Chloroform	4.68	83	12822	1.190	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	10098	1.196	ug/l		98
29) 1,1-Dichloropropene	5.13	75	9264	1.127	ug/l		95
30) Carbon Tetrachloride	5.13	117	8055	1.148	ug/l		98
31) Isopropyl Ether	3.58	45	26140	1.393	ug/l		98
32) Ethyl-t-butyl ether	4.09	59	20172	1.269	ug/l		100
33) Tert-Amyl methyl ether	5.59	73	16128	1.241	ug/l	#	69
34) Propionitrile	4.34	54	3275	6.431	ug/l	#	97
35) Benzene	5.39	78	27037	1.133	ug/l		96
36) 1,2-Dichloroethane	5.41	62	9035	1.314	ug/l		99
37) Trichloroethene	6.18	130	5994	0.951	ug/l		94
38) 1,2-Dichloropropane	6.44	63	8148	1.283	ug/l		98
39) Methacrylonitrile	4.56	41	3867	1.710	ug/l	#	91
40) Methyl acrylate	4.44	55	4657	1.452	ug/l	#	92
41) Tetrahydrofuran	4.66	42	4132	3.337	ug/l		90
42) 1-Chlorobutane	5.06	56	14293	1.188	ug/l		95

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 03 02:19:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 02:08:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.57	93	3189	1.119	ug/l		89
44) Bromodichloromethane	6.76	83	8770	1.264	ug/l		99
45) 4-Methyl-2-Pentanone	7.48	43	24518	6.008	ug/l		95
46) t-1,4-Dichloro-2-butene	10.52	75	2503m	2.330	ug/l		
47) Methyl methacrylate	6.64	69	6627	2.338	ug/l		97
48) Ethyl methacrylate	8.03	69	5358	1.023	ug/l		92
49) Toluene	7.64	92	13544	0.966	ug/l		100
50) t-1,3-Dichloropropene	7.88	75	7830	1.303	ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	9076	1.195	ug/l		96
52) 1,1,2-Trichloroethane	8.07	97	4736	1.119	ug/l		95
53) 1,3-Dichloropropane	8.25	76	8610	1.143	ug/l		98
54) 2-Hexanone	8.38	43	16208	5.747	ug/l		91
55) Dibromochloromethane	8.48	129	4979	1.203	ug/l		99
56) 1,2-Dibromoethane	8.59	107	4047	1.070	ug/l		98
58) Tetrachloroethene	8.23	164	5236	0.787	ug/l		95
59) Chlorobenzene	9.12	112	14210	0.948	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	5548	1.095	ug/l		99
61) Pentachloroethane	11.10	117	4906	1.461	ug/l		89
62) Hexachloroethane	12.15	117	4250	1.243	ug/l		96
63) Ethyl Benzene	9.25	91	22482	0.859	ug/l		97
64) m/p-Xylenes	9.38	106	16234	1.632	ug/l		98
65) o-Xylene	9.78	106	7679	0.799	ug/l		94
66) Styrene	9.79	104	13145	0.820	ug/l		98
67) Bromoform	9.96	173	2730	1.177	ug/l		99
69) Isopropylbenzene	10.17	105	19946	0.791	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	6334	1.255	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	4754m	1.147	ug/l		
72) Bromobenzene	10.46	156	5383	0.854	ug/l		99
73) n-propylbenzene	10.59	120	5311	0.764	ug/l		98
74) 2-Chlorotoluene	10.66	126	5103	0.825	ug/l		95
75) 1,3,5-Trimethylbenzene	10.77	105	16766	0.781	ug/l		97
76) 4-Chlorotoluene	10.77	126	5159	0.809	ug/l		96
77) tert-Butylbenzene	11.10	119	17674	0.873	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	17372	0.785	ug/l		98
79) sec-Butylbenzene	11.32	105	22686	0.796	ug/l		97
80) Nitrobenzene	12.87	77	1074	6.661	ug/l	#	90
81) p-Isopropyltoluene	11.48	119	17730	0.755	ug/l		97
82) 1,3-Dichlorobenzene	11.42	146	11024	0.878	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	11145	0.886	ug/l		99
84) n-Butylbenzene	11.89	91	17516	0.774	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	10485	0.894	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	917	1.247	ug/l		93
87) 1,2,4-Trichlorobenzene	13.51	180	6203	0.792	ug/l		98
88) Hexachlorobutadiene	13.69	225	4493	0.921	ug/l		99
89) Naphthalene	13.75	128	9934	0.789	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	5939	0.800	ug/l		99

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

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