Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030574.D
Acq On : 30 Mar 2019 14:44
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Quant Time: Mar 31 01:08:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	49705	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19593	1.07	ug/l		0.00
Spiked Amount 1.000			Recovery = 107.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	18341	0.91	ug/l		0.00
Spiked Amount 1.000			Recovery = 91.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	20295	1.075	ug/l		99
3) Chloromethane	1.33	50	28485	1.315	ug/l		96
4) Vinyl Chloride	1.40	62	23101	1.228	ug/l		99
5) Bromomethane	1.63	94	9572	0.933	ug/l		97
6) Chloroethane	1.70	64	12843	1.192	ug/l		98
7) Trichlorofluoromethane	1.88	101	25002	1.054	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	12908	1.016	ug/l		94
9) 1,1-Dichloroethene	2.28	96	12779	1.014	ug/l		92
10) Iodomethane	2.41	142	4592	0.424	ug/l		94
11) Allyl Chloride	2.59	41	28536	1.461	ug/l		99
12) Acrylonitrile	2.93	53	8222	2.868	ug/l	#	89
13) Acetone	2.32	43	18789	7.410	ug/l		94
14) Carbon Disulfide	2.47	76	47575	1.073	ug/l		99
15) Methylene Chloride	2.69	84	17988	1.190	ug/l		94
16) trans-1,2-Dichloroethene	2.97	96	15101	1.042	ug/l		92
17) 1,1-Dichloroethane	3.43	63	29853	1.175	ug/l		99
18) 2-Butanone	4.29	43	22207	6.314	ug/l		100
19) Cyclohexane	4.98	56	24985m	1.143	ug/l		
20) Methylcyclohexane	6.41	83	20890	0.905	ug/l		99
21) 2,2-Dichloropropane	4.22	77	22643	1.074	ug/l		97
22) cis-1,2-Dichloroethene	4.22	96	16021	0.998	ug/l		94
23) Diethyl Ether	2.10	59	12295	1.247	ug/l		94
24) tert-Butyl Alcohol	2.84	59	14287	13.579	ug/l		98
25) Methyl tert-Butyl Ether	3.00	73	38710	1.181	ug/l		97
26) Bromochloromethane	4.55	128	6353	0.920	ug/l		99
27) Chloroform	4.67	83	27711	1.051	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	22906	1.065	ug/l		99
29) 1,1-Dichloropropene	5.13	75	20185	1.032	ug/l		97
30) Carbon Tetrachloride	5.13	117	18678	0.979	ug/l		97
31) Isopropyl Ether	3.58	45	49749	1.339	ug/l		100
32) Ethyl-t-butyl ether	4.07	59	37931	1.103	ug/l		97
33) Tert-Amyl methyl ether	5.58	73	29979	0.970	ug/l		97
34) Propionitrile	4.35	54	6233	6.392	ug/l	#	79
35) Benzene	5.38	78	59532	1.037	ug/l		96
36) 1,2-Dichloroethane	5.41	62	19603	1.243	ug/l		97
37) Trichloroethene	6.18	130	14881	0.930	ug/l		84
38) 1,2-Dichloropropane	6.43	63	17054	1.149	ug/l		98
39) Methacrylonitrile	4.56	41	5732	1.322	ug/l	#	83
40) Methyl acrylate	4.45	55	7440	1.127	ug/l	#	93
41) Tetrahydrofuran	4.66	42	6822	2.895	ug/l	#	88
42) 1-Chlorobutane	5.06	56	29577	1.118	ug/l		96

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC001

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MMDadoda
4/5/2019 2:38:42 PM

Quant Time: Mar 31 01:08:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	7597	1.010	ug/l		97
44) Bromodichloromethane	6.75	83	20704	1.140	ug/l		100
45) 4-Methyl-2-Pentanone	7.47	43	51677	6.520	ug/l		96
46) t-1,4-Dichloro-2-butene	10.51	75	6601m	2.272	ug/l		
47) Methyl methacrylate	6.63	69	11985	1.881	ug/l		99
48) Ethyl methacrylate	8.03	69	11264	0.942	ug/l		96
49) Toluene	7.63	92	30854	0.905	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	16605	1.026	ug/l		90
51) cis-1,3-Dichloropropene	7.27	75	19821	0.982	ug/l		94
52) 1,1,2-Trichloroethane	8.07	97	10308	0.980	ug/l		94
53) 1,3-Dichloropropane	8.24	76	18203	1.017	ug/l		94
54) 2-Hexanone	8.37	43	33586	5.942	ug/l		97
55) Dibromochloromethane	8.48	129	12620	1.008	ug/l		98
56) 1,2-Dibromoethane	8.59	107	9287	0.927	ug/l		96
58) Tetrachloroethene	8.22	164	12754	0.879	ug/l		96
59) Chlorobenzene	9.12	112	33012	0.854	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	13894	1.025	ug/l		99
61) Pentachloroethane	11.10	117	10529	0.998	ug/l		94
62) Hexachloroethane	12.14	117	8811	0.853	ug/l		99
63) Ethyl Benzene	9.25	91	59315	0.921	ug/l		97
64) m/p-Xylenes	9.37	106	43394	1.744	ug/l		91
65) o-Xylene	9.78	106	21113	0.866	ug/l		99
66) Styrene	9.79	104	33583	0.834	ug/l		98
67) Bromoform	9.96	173	6790	0.957	ug/l	#	98
69) Isopropylbenzene	10.16	105	56053	0.874	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	15613	1.185	ug/l	#	98
71) 1,2,3-Trichloropropane	10.49	75	10938m	1.144	ug/l		
72) Bromobenzene	10.45	156	14804	0.899	ug/l		91
73) n-propylbenzene	10.58	120	14146	0.787	ug/l		94
74) 2-Chlorotoluene	10.66	126	13516	0.855	ug/l		99
75) 1,3,5-Trimethylbenzene	10.77	105	46389	0.852	ug/l		98
76) 4-Chlorotoluene	10.77	126	13710	0.853	ug/l		95
77) tert-Butylbenzene	11.10	119	44996	0.849	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	44634	0.808	ug/l		99
79) sec-Butylbenzene	11.32	105	60274	0.848	ug/l		99
81) p-Isopropyltoluene	11.47	119	44735	0.760	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	28942	0.872	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	28538	0.855	ug/l		97
84) n-Butylbenzene	11.89	91	44385	0.802	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	27586	0.891	ug/l		95
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2157	1.137	ug/l		89
87) 1,2,4-Trichlorobenzene	13.51	180	14801	0.683	ug/l		97
88) Hexachlorobutadiene	13.69	225	9572	0.798	ug/l		96
89) Naphthalene	13.75	128	21615	0.635	ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	13352	0.676	ug/l		96

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

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