Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
Data File : VU027748.D
Acq On : 22 Oct 2018 18:45
Operator : MD/SY
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
sam
10/24/2018 2:20:10 PM

Quant Time: Oct 23 04:34:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 04:01:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	13523	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	5145	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	4897	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	10771	1.888	ug/l		96
3) Chloromethane	1.33	50	11337	1.850	ug/l		99
4) Vinyl Chloride	1.40	62	10468	1.828	ug/l		99
5) Bromomethane	1.63	94	5615	2.045	ug/l		99
6) Chloroethane	1.70	64	5620	1.368	ug/l		92
7) Trichlorofluoromethane	1.89	101	12736	1.892	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	6886	1.851	ug/l		98
9) 1,1-Dichloroethene	2.29	96	5970	1.798	ug/l		99
10) Iodomethane	2.41	142	7798	1.746	ug/l		97
11) Allyl Chloride	2.59	41	13403	1.720	ug/l		93
12) Acrylonitrile	2.95	53	3810	3.606	ug/l		92
13) Acetone	2.34	43	7754	9.053	ug/l		99
14) Carbon Disulfide	2.48	76	21568	1.792	ug/l		98
15) Methylene Chloride	2.70	84	7209	1.778	ug/l		96
16) trans-1,2-Dichloroethene	2.98	96	6792	1.824	ug/l		99
17) 1,1-Dichloroethane	3.45	63	14746	1.896	ug/l		97
18) 2-Butanone	4.30	43	13035	9.117	ug/l		93
19) Cyclohexane	4.99	56	13398	1.883	ug/l		99
20) Methylcyclohexane	6.41	83	13464	1.937	ug/l		98
21) 2,2-Dichloropropane	4.23	77	12673	1.839	ug/l		98
22) cis-1,2-Dichloroethene	4.23	96	7928	1.875	ug/l		95
23) Diethyl Ether	2.11	59	5262	1.681	ug/l		91
24) tert-Butyl Alcohol	2.88	59	5995m	20.001	ug/l		
25) Methyl tert-Butyl Ether	3.01	73	19114	1.819	ug/l		98
26) Bromochloromethane	4.55	128	3221	1.882	ug/l		97
27) Chloroform	4.68	83	14342	1.870	ug/l		97
28) 1,1,1-Trichloroethane	4.92	97	12607	1.905	ug/l		100
29) 1,1-Dichloropropene	5.13	75	10953	1.878	ug/l		100
30) Carbon Tetrachloride	5.13	117	11305	1.917	ug/l		95
31) Isopropyl Ether	3.58	45	26531	1.816	ug/l		99
32) Ethyl-t-butyl ether	4.08	59	23361	1.813	ug/l		100
33) Tert-Amyl methyl ether	5.59	73	19899	1.838	ug/l		99
34) Propionitrile	4.36	54	3404	8.864	ug/l	#	92
35) Benzene	5.39	78	31307	1.908	ug/l		97
36) 1,2-Dichloroethane	5.41	62	10113	1.933	ug/l		100
37) Trichloroethene	6.19	130	7387	1.828	ug/l		99
38) 1,2-Dichloropropane	6.43	63	8478	1.832	ug/l		98
39) Methacrylonitrile	4.56	41	3685	1.948	ug/l		95
40) Methyl acrylate	4.44	55	4720	1.839	ug/l	#	88
41) Tetrahydrofuran	4.67	42	4052	3.987	ug/l		91
42) 1-Chlorobutane	5.07	56	17340	1.900	ug/l		98

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Quant Time: Oct 23 04:34:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	4085	1.981 ug/l		98
44) Bromodichloromethane	6.76	83	10617	1.917 ug/l		97
45) 4-Methyl-2-Pentanone	7.47	43	31826	9.122 ug/l		99
46) t-1,4-Dichloro-2-butene	10.52	75	4134m	3.205 ug/l		
47) Methyl methacrylate	6.63	69	8227	3.608 ug/l		91
48) Ethyl methacrylate	8.02	69	8880	1.819 ug/l		98
49) Toluene	7.64	92	18280	1.841 ug/l		100
50) t-1,3-Dichloropropene	7.88	75	10255	1.823 ug/l		93
51) cis-1,3-Dichloropropene	7.27	75	12574	1.884 ug/l		99
52) 1,1,2-Trichloroethane	8.07	97	5421	1.860 ug/l		97
53) 1,3-Dichloropropane	8.25	76	10217	1.897 ug/l		98
54) 2-Hexanone	8.37	43	23081	8.980 ug/l		98
55) Dibromochloromethane	8.48	129	6584	1.856 ug/l		99
56) 1,2-Dibromoethane	8.59	107	5244	1.906 ug/l		100
58) Tetrachloroethene	8.23	164	7155	1.957 ug/l		94
59) Chlorobenzene	9.12	112	19609	1.885 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	6923	1.835 ug/l		95
61) Pentachloroethane	11.10	117	5175	1.772 ug/l		89
62) Hexachloroethane	12.15	117	5899	1.875 ug/l		95
63) Ethyl Benzene	9.25	91	36920	1.919 ug/l		99
64) m/p-Xylenes	9.38	106	26464	3.763 ug/l		99
65) o-Xylene	9.78	106	12823	1.826 ug/l		98
66) Styrene	9.79	104	21718	1.869 ug/l		99
67) Bromoform	9.96	173	3777	1.835 ug/l	#	98
69) Isopropylbenzene	10.17	105	35996	1.915 ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	7373	1.949 ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	5905m	2.009 ug/l		
72) Bromobenzene	10.45	156	8273	1.970 ug/l		99
73) n-propylbenzene	10.59	120	9415	1.955 ug/l		100
74) 2-Chlorotoluene	10.66	126	7742	1.801 ug/l		85
75) 1,3,5-Trimethylbenzene	10.77	105	29876	1.905 ug/l		99
76) 4-Chlorotoluene	10.77	126	7943	1.918 ug/l		99
77) tert-Butylbenzene	11.10	119	29160	1.875 ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	31031	1.920 ug/l		97
79) sec-Butylbenzene	11.32	105	38482	1.933 ug/l		98
80) Nitrobenzene	12.87	77	1171	6.661 ug/l	#	88
81) p-Isopropyltoluene	11.48	119	31731	1.956 ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	15555	1.926 ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	15616	1.958 ug/l		98
84) n-Butylbenzene	11.89	91	30604	1.999 ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	15252	1.981 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1349	2.016 ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	10994	1.948 ug/l		98
88) Hexachlorobutadiene	13.69	225	6574	1.956 ug/l		98
89) Naphthalene	13.75	128	20539	1.841 ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	10591	2.031 ug/l		99

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

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