Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
Data File : VU027762.D
Acq On : 23 Oct 2018 14:01
Operator : MD/SY
Sample : VU1023WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Manual Integrations APPROVED
sam
10/24/2018 2:19:32 PM

Quant Time: Oct 24 05:55:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 09:12:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	12554	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	5082	1.07	ug/l		0.00
Spiked Amount 1.000			Recovery = 107.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	4343	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	9890	1.984	ug/l		99
3) Chloromethane	1.33	50	10156	1.906	ug/l		92
4) Vinyl Chloride	1.40	62	9788	1.967	ug/l		97
5) Bromomethane	1.63	94	5579	2.132	ug/l		95
6) Chloroethane	1.70	64	5647	2.093	ug/l		91
7) Trichlorofluoromethane	1.89	101	12091	1.994	ug/l		93
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	6254	1.961	ug/l		99
9) 1,1-Dichloroethene	2.29	96	5654	2.019	ug/l		95
10) Iodomethane	2.41	142	6393	1.699	ug/l		97
11) Allyl Chloride	2.59	41	12015	1.813	ug/l		92
12) Acrylonitrile	2.95	53	2866	3.358	ug/l		96
13) Acetone	2.33	43	6595	8.468	ug/l		99
14) Carbon Disulfide	2.48	76	20199	1.938	ug/l		98
15) Methylene Chloride	2.70	84	6697	1.898	ug/l		97
16) trans-1,2-Dichloroethene	2.98	96	6460	2.072	ug/l		98
17) 1,1-Dichloroethane	3.44	63	13128	1.909	ug/l		98
18) 2-Butanone	4.29	43	11791	9.118	ug/l		99
19) Cyclohexane	4.99	56	13624m	2.209	ug/l		
20) Methylcyclohexane	6.41	83	12065	1.930	ug/l		98
21) 2,2-Dichloropropane	4.22	77	10806	1.779	ug/l		95
22) cis-1,2-Dichloroethene	4.23	96	7341	1.967	ug/l		99
23) Diethyl Ether	2.11	59	5312	1.995	ug/l		98
24) tert-Butyl Alcohol	2.85	59	5615	19.770	ug/l	#	79
25) Methyl tert-Butyl Ether	3.01	73	17362	1.947	ug/l		93
26) Bromochloromethane	4.55	128	2923	1.953	ug/l		99
27) Chloroform	4.67	83	13194	1.970	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	11642	1.953	ug/l		98
29) 1,1-Dichloropropene	5.13	75	11133	2.138	ug/l		99
30) Carbon Tetrachloride	5.13	117	10492	1.970	ug/l		97
31) Isopropyl Ether	3.58	45	24630	1.988	ug/l		97
32) Ethyl-t-butyl ether	4.08	59	21063	1.916	ug/l		98
33) Tert-Amyl methyl ether	5.58	73	17886	1.917	ug/l		99
34) Propionitrile	4.34	54	2805	9.098	ug/l	#	96
35) Benzene	5.39	78	29413	2.021	ug/l		100
36) 1,2-Dichloroethane	5.41	62	9634	1.990	ug/l		99
37) Trichloroethene	6.19	130	7237	2.016	ug/l		90
38) 1,2-Dichloropropane	6.44	63	8112	1.985	ug/l		99
39) Methacrylonitrile	4.56	41	3341	1.962	ug/l		92
40) Methyl acrylate	4.44	55	4224	1.904	ug/l	#	94
41) Tetrahydrofuran	4.66	42	3304	3.512	ug/l		98
42) 1-Chlorobutane	5.06	56	16319	1.987	ug/l		98

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ClientSampleId : VU1023WBS01

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Quant Time: Oct 24 05:55:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 09:12:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	3372	1.815 ug/l		95
44) Bromodichloromethane	6.76	83	9965	1.976 ug/l		96
45) 4-Methyl-2-Pentanone	7.47	43	28644	9.500 ug/l		99
46) t-1,4-Dichloro-2-butene	10.52	75	3593m	3.305 ug/l		
47) Methyl methacrylate	6.63	69	6901	3.523 ug/l		85
48) Ethyl methacrylate	8.03	69	7405	1.819 ug/l		93
49) Toluene	7.64	92	17176	1.990 ug/l		100
50) t-1,3-Dichloropropene	7.88	75	9648	1.920 ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	12084	2.041 ug/l		100
52) 1,1,2-Trichloroethane	8.07	97	4698	1.872 ug/l		92
53) 1,3-Dichloropropane	8.25	76	9919	2.058 ug/l		99
54) 2-Hexanone	8.37	43	20158	9.381 ug/l		99
55) Dibromochloromethane	8.48	129	6027	1.911 ug/l		96
56) 1,2-Dibromoethane	8.59	107	4514	1.833 ug/l		96
58) Tetrachloroethene	8.23	164	6468	1.910 ug/l		97
59) Chlorobenzene	9.12	112	18257	1.973 ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.21	131	6719	1.998 ug/l		97
61) Pentachloroethane	11.10	117	4926	1.963 ug/l		100
62) Hexachloroethane	12.15	117	5561	2.018 ug/l		97
63) Ethyl Benzene	9.25	91	34694	1.980 ug/l		99
64) m/p-Xylenes	9.38	106	24893	3.981 ug/l		100
65) o-Xylene	9.78	106	11932	1.924 ug/l		95
66) Styrene	9.79	104	20486	2.002 ug/l		99
67) Bromoform	9.96	173	3509	1.922 ug/l	#	94
69) Isopropylbenzene	10.17	105	34094	2.009 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	5882	1.764 ug/l		96
71) 1,2,3-Trichloropropane	10.50	75	4509	1.740 ug/l	#	95
72) Bromobenzene	10.45	156	7632	2.018 ug/l		99
73) n-propylbenzene	10.59	120	8922	2.038 ug/l		98
74) 2-Chlorotoluene	10.66	126	7430	1.982 ug/l		92
75) 1,3,5-Trimethylbenzene	10.77	105	28010	1.978 ug/l		99
76) 4-Chlorotoluene	10.77	126	7414	1.952 ug/l		95
77) tert-Butylbenzene	11.10	119	27655	1.985 ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	29169	2.004 ug/l		100
79) sec-Butylbenzene	11.32	105	36827	1.996 ug/l		100
80) Nitrobenzene	12.87	77	969	7.861 ug/l	#	81
81) p-Isopropyltoluene	11.48	119	29750	1.973 ug/l		100
82) 1,3-Dichlorobenzene	11.42	146	14987	2.003 ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	14619	1.950 ug/l		98
84) n-Butylbenzene	11.89	91	29255	1.997 ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	14174	1.985 ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1050	1.695 ug/l	#	86
87) 1,2,4-Trichlorobenzene	13.50	180	10734	2.069 ug/l		97
88) Hexachlorobutadiene	13.69	225	5886	1.891 ug/l		96
89) Naphthalene	13.75	128	18578	1.907 ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	9739	1.972 ug/l		97

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

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