Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080318\
Data File : VU025816.D
Acq On : 03 Aug 2018 13:38
Operator : MD/SY
Sample : VU0803WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0803WBSD01

Manual Integrations APPROVED
MMDadoda
8/6/2018 5:38:53 PM

Quant Time: Aug 04 05:44:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 27 15:10:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	29980	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	11719	1.05	ug/l		0.00
Spiked Amount 1.000			Recovery = 105.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	11969	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	23264	2.18	ug/l		97
3) Chloromethane	1.33	50	19821	1.96	ug/l		96
4) Vinyl Chloride	1.40	62	20493	2.19	ug/l		97
5) Bromomethane	1.63	94	9822	2.16	ug/l		98
6) Chloroethane	1.70	64	12084	2.15	ug/l		90
7) Trichlorofluoromethane	1.89	101	30759	2.25	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17143	2.29	ug/l		98
9) 1,1-Dichloroethene	2.29	96	15031	2.27	ug/l		88
10) Iodomethane	2.41	142	7087	1.85	ug/l		93
11) Allyl Chloride	2.59	41	25355	2.29	ug/l		87
12) Acrylonitrile	2.94	53	6140	4.21	ug/l		96
13) Acetone	2.33	43	12883	10.17	ug/l		95
14) Carbon Disulfide	2.48	76	48749	2.16	ug/l		100
15) Methylene Chloride	2.70	84	16692	2.12	ug/l		95
16) trans-1,2-Dichloroethene	2.98	96	17227	2.32	ug/l		82
17) 1,1-Dichloroethane	3.45	63	33127	2.25	ug/l		98
18) 2-Butanone	4.29	43	23957	10.89	ug/l		99
19) Cyclohexane	5.00	56	23594	2.08	ug/l		87
20) Methylcyclohexane	6.42	83	27416	1.97	ug/l		96
21) 2,2-Dichloropropane	4.23	77	32020	2.28	ug/l		95
22) cis-1,2-Dichloroethene	4.23	96	20628	2.21	ug/l		95
23) Diethyl Ether	2.11	59	10577	2.11	ug/l		95
24) tert-Butyl Alcohol	2.85	59	14144	24.05	ug/l	#	81
25) Methyl tert-Butyl Ether	3.01	73	37299	2.09	ug/l	#	90
26) Bromochloromethane	4.55	128	9354	2.28	ug/l		78
27) Chloroform	4.68	83	36064	2.23	ug/l		98
28) 1,1,1-Trichloroethane	4.92	97	31601	2.17	ug/l		98
29) 1,1-Dichloropropene	5.14	75	25925	2.17	ug/l		97
30) Carbon Tetrachloride	5.13	117	28955	2.19	ug/l		97
31) Isopropyl Ether	3.58	45	50985	2.17	ug/l		92
32) Ethyl-t-butyl ether	4.08	59	45814	2.05	ug/l		90
33) Tert-Amyl methyl ether	5.59	73	39587	2.00	ug/l		99
34) Propionitrile	4.35	54	6811	11.15	ug/l	#	90
35) Benzene	5.39	78	74670	2.24	ug/l		98
36) 1,2-Dichloroethane	5.41	62	22439	2.19	ug/l		99
37) Trichloroethene	6.19	130	21123	2.15	ug/l		93
38) 1,2-Dichloropropane	6.44	63	18928	2.18	ug/l		99
39) Methacrylonitrile	4.55	41	5771	2.05	ug/l		89
40) Methyl acrylate	4.44	55	7887	1.86	ug/l	#	94
41) Tetrahydrofuran	4.66	42	6262	3.77	ug/l		96
42) 1-Chlorobutane	5.07	56	35644	2.19	ug/l		100

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Quant Time: Aug 04 05:44:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 27 15:10:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.57	93	9959	2.20	ug/l		98
44) Bromodichloromethane	6.76	83	24344	2.12	ug/l		99
45) 4-Methyl-2-Pentanone	7.47	43	50364	9.98	ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	6636m	4.36	ug/l		
47) Methyl methacrylate	6.63	69	14948	3.95	ug/l		95
48) Ethyl methacrylate	8.02	69	14243	1.87	ug/l		100
49) Toluene	7.64	92	41059	2.01	ug/l		93
50) t-1,3-Dichloropropene	7.89	75	21680	2.09	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	25687	2.07	ug/l		99
52) 1,1,2-Trichloroethane	8.07	97	12716	2.10	ug/l		95
53) 1,3-Dichloropropane	8.25	76	21653	2.11	ug/l		100
54) 2-Hexanone	8.37	43	35146	9.86	ug/l		96
55) Dibromochloromethane	8.48	129	16211	2.10	ug/l		99
56) 1,2-Dibromoethane	8.59	107	12897	2.20	ug/l		95
58) Tetrachloroethene	8.23	164	19492	2.20	ug/l		99
59) Chlorobenzene	9.12	112	49505	2.11	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	19366	2.22	ug/l		96
61) Pentachloroethane	11.10	117	14278	2.15	ug/l		98
62) Hexachloroethane	12.15	117	13418	1.98	ug/l		97
63) Ethyl Benzene	9.25	91	77321	1.98	ug/l		97
64) m/p-Xylenes	9.38	106	61241	3.99	ug/l		97
65) o-Xylene	9.78	106	28811	1.97	ug/l		95
66) Styrene	9.80	104	49075	1.98	ug/l		98
67) Bromoform	9.96	173	9210	2.02	ug/l	#	97
69) Isopropylbenzene	10.17	105	77567	1.96	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	15691	2.06	ug/l		96
71) 1,2,3-Trichloropropane	10.50	75	11638m	1.96	ug/l		
72) Bromobenzene	10.45	156	20500	2.00	ug/l		96
73) n-propylbenzene	10.59	120	21938	1.97	ug/l		95
74) 2-Chlorotoluene	10.66	126	19858	2.03	ug/l		97
75) 1,3,5-Trimethylbenzene	10.78	105	70980	2.06	ug/l		98
76) 4-Chlorotoluene	10.78	126	21251	2.06	ug/l		91
77) tert-Butylbenzene	11.10	119	67664	1.99	ug/l		100
78) 1,2,4-Trimethylbenzene	11.15	105	70980	2.02	ug/l		99
79) sec-Butylbenzene	11.33	105	89469	2.00	ug/l		98
80) Nitrobenzene	12.88	77	1758	7.58	ug/l	#	95
81) p-Isopropyltoluene	11.48	119	74875	1.97	ug/l		97
82) 1,3-Dichlorobenzene	11.42	146	44012	2.09	ug/l		97
83) 1,4-Dichlorobenzene	11.51	146	44557	2.17	ug/l		97
84) n-Butylbenzene	11.89	91	67991	1.91	ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	39948	2.07	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2695	2.14	ug/l		95
87) 1,2,4-Trichlorobenzene	13.51	180	24926	1.86	ug/l		99
88) Hexachlorobutadiene	13.70	225	15714	1.91	ug/l		98
89) Naphthalene	13.75	128	35885	1.65	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	23465	1.91	ug/l		97

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

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