Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
Data File : VU027764.D
Acq On : 23 Oct 2018 15:45
Operator : MD/SY
Sample : VU1023WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU1023WBSD01

Manual Integrations APPROVED
sam
10/24/2018 2:20:28 PM

Quant Time: Oct 24 06:01:33 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	12099	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	4643	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	4086	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	9358	1.948	ug/l	99
3) Chloromethane	1.33	50	9606	1.870	ug/l	97
4) Vinyl Chloride	1.40	62	8872	1.850	ug/l	94
5) Bromomethane	1.63	94	4882	1.935	ug/l	99
6) Chloroethane	1.70	64	4762	1.831	ug/l	93
7) Trichlorofluoromethane	1.89	101	11208	1.918	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5600	1.822	ug/l	98
9) 1,1-Dichloroethene	2.29	96	5048	1.871	ug/l	93
10) Iodomethane	2.41	142	6044	1.667	ug/l	99
11) Allyl Chloride	2.59	41	11903	1.863	ug/l	99
12) Acrylonitrile	2.94	53	2866	3.485	ug/l	95
13) Acetone	2.32	43	6899	9.191	ug/l	95
14) Carbon Disulfide	2.48	76	17601	1.752	ug/l	98
15) Methylene Chloride	2.70	84	5781	1.700	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	5782	1.925	ug/l	93
17) 1,1-Dichloroethane	3.45	63	12379	1.867	ug/l	97
18) 2-Butanone	4.29	43	10803	8.668	ug/l	98
19) Cyclohexane	4.99	56	12458m	2.096	ug/l	
20) Methylcyclohexane	6.42	83	10950	1.817	ug/l	98
21) 2,2-Dichloropropane	4.23	77	9601	1.640	ug/l	97
22) cis-1,2-Dichloroethene	4.23	96	6650	1.849	ug/l	96
23) Diethyl Ether	2.11	59	4697	1.830	ug/l	99
24) tert-Butyl Alcohol	2.84	59	5029	18.373	ug/l #	82
25) Methyl tert-Butyl Ether	3.01	73	16194	1.885	ug/l	95
26) Bromochloromethane	4.55	128	2725	1.889	ug/l	95
27) Chloroform	4.68	83	12117	1.877	ug/l	94
28) 1,1,1-Trichloroethane	4.92	97	10461	1.821	ug/l	98
29) 1,1-Dichloropropene	5.14	75	9502	1.894	ug/l	98
30) Carbon Tetrachloride	5.13	117	9260	1.804	ug/l	96
31) Isopropyl Ether	3.58	45	22302	1.868	ug/l	97
32) Ethyl-t-butyl ether	4.08	59	19577	1.848	ug/l	99
33) Tert-Amyl methyl ether	5.59	73	16388	1.823	ug/l #	82
34) Propionitrile	4.34	54	2930	9.860	ug/l #	84
35) Benzene	5.39	78	26210	1.869	ug/l	100
36) 1,2-Dichloroethane	5.41	62	8705	1.865	ug/l	98
37) Trichloroethene	6.19	130	6368	1.841	ug/l	92
38) 1,2-Dichloropropane	6.44	63	7338	1.864	ug/l	98
39) Methacrylonitrile	4.56	41	2933	1.787	ug/l	96
40) Methyl acrylate	4.43	55	4153	1.943	ug/l #	85
41) Tetrahydrofuran	4.67	42	3440	3.794	ug/l	91
42) 1-Chlorobutane	5.07	56	14795	1.869	ug/l	94

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Quant Time: Oct 24 06:01:33 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	3195	1.785 ug/l		96
44) Bromodichloromethane	6.76	83	8984	1.848 ug/l		97
45) 4-Methyl-2-Pentanone	7.47	43	26369	9.074 ug/l		97
46) t-1,4-Dichloro-2-butene	10.52	75	3332m	3.180 ug/l		
47) Methyl methacrylate	6.63	69	6739	3.569 ug/l		91
48) Ethyl methacrylate	8.02	69	7053	1.797 ug/l		96
49) Toluene	7.64	92	15140	1.820 ug/l		95
50) t-1,3-Dichloropropene	7.88	75	8573	1.770 ug/l		92
51) cis-1,3-Dichloropropene	7.27	75	10082	1.767 ug/l		99
52) 1,1,2-Trichloroethane	8.07	97	4514	1.867 ug/l		97
53) 1,3-Dichloropropane	8.24	76	8732	1.880 ug/l		97
54) 2-Hexanone	8.37	43	18915	9.134 ug/l		97
55) Dibromochloromethane	8.48	129	5542	1.823 ug/l		94
56) 1,2-Dibromoethane	8.59	107	4371	1.841 ug/l		97
58) Tetrachloroethene	8.23	164	5910	1.811 ug/l		92
59) Chlorobenzene	9.12	112	17087	1.916 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	6039	1.863 ug/l		98
61) Pentachloroethane	11.10	117	4357	1.802 ug/l		100
62) Hexachloroethane	12.15	117	4756	1.791 ug/l		97
63) Ethyl Benzene	9.25	91	32200	1.906 ug/l		97
64) m/p-Xylenes	9.38	106	22670	3.762 ug/l		97
65) o-Xylene	9.78	106	11206	1.875 ug/l		98
66) Styrene	9.79	104	18558	1.882 ug/l		99
67) Bromoform	9.96	173	3012	1.712 ug/l	#	96
69) Isopropylbenzene	10.17	105	30187	1.845 ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	5817	1.810 ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	3997	1.600 ug/l	#	96
72) Bromobenzene	10.46	156	6957	1.909 ug/l		94
73) n-propylbenzene	10.59	120	8093	1.918 ug/l		99
74) 2-Chlorotoluene	10.66	126	6694	1.853 ug/l		95
75) 1,3,5-Trimethylbenzene	10.77	105	25515	1.869 ug/l		98
76) 4-Chlorotoluene	10.77	126	7219	1.972 ug/l		92
77) tert-Butylbenzene	11.10	119	25311	1.885 ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	26932	1.920 ug/l		97
79) sec-Butylbenzene	11.32	105	33456	1.882 ug/l		99
80) Nitrobenzene	12.86	77	759	6.389 ug/l	#	89
81) p-Isopropyltoluene	11.48	119	27069	1.863 ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	13434	1.863 ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	13647	1.888 ug/l		99
84) n-Butylbenzene	11.89	91	26525	1.879 ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	13023	1.892 ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1037	1.737 ug/l		91
87) 1,2,4-Trichlorobenzene	13.50	180	9446	1.889 ug/l		98
88) Hexachlorobutadiene	13.69	225	5451	1.817 ug/l		98
89) Naphthalene	13.75	128	16552	1.762 ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	8420	1.769 ug/l		100

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

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