Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030011.D
Acq On : 12 Mar 2019 17:13
Operator : JC/SP
Sample : VU0314WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0314WBS01

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:56:27 PM

Quant Time: Mar 13 06:48:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	61572	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	21815	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	25159	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	41422	1.834	ug/l	99
3) Chloromethane	1.33	50	46650	1.821	ug/l	97
4) Vinyl Chloride	1.40	62	41446	1.887	ug/l	99
5) Bromomethane	1.63	94	25937	2.067	ug/l	97
6) Chloroethane	1.70	64	24229	1.911	ug/l	99
7) Trichlorofluoromethane	1.88	101	53937	1.894	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29412	1.898	ug/l	99
9) 1,1-Dichloroethene	2.28	96	29222	1.902	ug/l	97
10) Iodomethane	2.41	142	24747	1.859	ug/l	98
11) Allyl Chloride	2.59	41	39767	1.831	ug/l	97
12) Acrylonitrile	2.93	53	12121	3.643	ug/l	96
13) Acetone	2.32	43	24087	8.315	ug/l	94
14) Carbon Disulfide	2.48	76	95457	1.783	ug/l	97
15) Methylene Chloride	2.70	84	34015	1.859	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	32718	1.844	ug/l	99
17) 1,1-Dichloroethane	3.44	63	56799	1.894	ug/l	98
18) 2-Butanone	4.28	43	36204	9.027	ug/l	96
19) Cyclohexane	4.98	56	47450m	1.847	ug/l	
20) Methylcyclohexane	6.41	83	51151	1.804	ug/l	99
21) 2,2-Dichloropropane	4.22	77	44954	1.782	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	36677	1.860	ug/l	97
23) Diethyl Ether	2.10	59	21638	1.885	ug/l	96
24) tert-Butyl Alcohol	2.83	59	22437	18.265	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	74072	1.909	ug/l	99
26) Bromochloromethane	4.55	128	16351	1.895	ug/l	99
27) Chloroform	4.67	83	58212	1.845	ug/l	94
28) 1,1,1-Trichloroethane	4.91	97	49446	1.904	ug/l	99
29) 1,1-Dichloropropene	5.13	75	42838	1.812	ug/l	98
30) Carbon Tetrachloride	5.13	117	41529	1.789	ug/l	97
31) Isopropyl Ether	3.57	45	78559	1.861	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	76107	1.872	ug/l	97
33) Tert-Amyl methyl ether	5.58	73	67519	1.814	ug/l	99
34) Propionitrile	4.34	54	10546	9.434	ug/l #	94
35) Benzene	5.39	78	129220	1.869	ug/l	98
36) 1,2-Dichloroethane	5.40	62	35140	1.900	ug/l	99
37) Trichloroethene	6.18	130	36816	1.848	ug/l	96
38) 1,2-Dichloropropane	6.43	63	32974	1.876	ug/l	98
39) Methacrylonitrile	4.55	41	8908	1.827	ug/l #	94
40) Methyl acrylate	4.43	55	14284	1.854	ug/l #	93
41) Tetrahydrofuran	4.65	42	9390	3.482	ug/l	96
42) 1-Chlorobutane	5.06	56	58500	1.890	ug/l	96

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Quant Time: Mar 13 06:48:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	17105	1.881 ug/l		97
44) Bromodichloromethane	6.75	83	40772	1.879 ug/l		93
45) 4-Methyl-2-Pentanone	7.46	43	83932	9.340 ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	13552m	4.157 ug/l		
47) Methyl methacrylate	6.63	69	27882	3.659 ug/l		98
48) Ethyl methacrylate	8.02	69	26830	1.867 ug/l		99
49) Toluene	7.63	92	76725	1.841 ug/l		99
50) t-1,3-Dichloropropene	7.88	75	35712	1.838 ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	44250	1.812 ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	25313	1.969 ug/l		99
53) 1,3-Dichloropropane	8.24	76	40635	1.890 ug/l		99
54) 2-Hexanone	8.36	43	58140	8.980 ug/l		98
55) Dibromochloromethane	8.48	129	28969	1.873 ug/l		98
56) 1,2-Dibromoethane	8.58	107	22598	1.826 ug/l		98
58) Tetrachloroethene	8.22	164	34062	1.883 ug/l		98
59) Chlorobenzene	9.12	112	86911	1.825 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	30989	1.843 ug/l		97
61) Pentachloroethane	11.10	117	23729	1.828 ug/l		95
62) Hexachloroethane	12.14	117	23613	1.806 ug/l		96
63) Ethyl Benzene	9.25	91	143456	1.835 ug/l		99
64) m/p-Xylenes	9.37	106	113673	3.695 ug/l		100
65) o-Xylene	9.77	106	54361	1.801 ug/l		98
66) Styrene	9.79	104	90750	1.835 ug/l		100
67) Bromoform	9.96	173	16590	1.876 ug/l		98
69) Isopropylbenzene	10.16	105	145649	1.851 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	31296	1.975 ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	22226m	1.866 ug/l		
72) Bromobenzene	10.45	156	38453	1.864 ug/l		99
73) n-propylbenzene	10.58	120	40954	1.835 ug/l		99
74) 2-Chlorotoluene	10.66	126	37848	1.936 ug/l		93
75) 1,3,5-Trimethylbenzene	10.77	105	122920	1.834 ug/l		99
76) 4-Chlorotoluene	10.77	126	37077	1.858 ug/l		98
77) tert-Butylbenzene	11.10	119	120035	1.829 ug/l		98
78) 1,2,4-Trimethylbenzene	11.14	105	126752	1.859 ug/l		100
79) sec-Butylbenzene	11.32	105	164260	1.869 ug/l		99
80) Nitrobenzene	12.87	77	2202	7.779 ug/l	#	80
81) p-Isopropyltoluene	11.47	119	137926	1.871 ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	79135	1.899 ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	76032	1.815 ug/l		99
84) n-Butylbenzene	11.89	91	124879	1.813 ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	72751	1.876 ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	4263	1.867 ug/l		97
87) 1,2,4-Trichlorobenzene	13.50	180	49955	1.785 ug/l		99
88) Hexachlorobutadiene	13.69	225	30497	2.010 ug/l		97
89) Naphthalene	13.74	128	75207	1.715 ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	48178	1.900 ug/l		97

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

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