Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
Data File : VU029879.D
Acq On : 08 Mar 2019 11:04
Operator : JC/SP
Sample : VU0310WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0310WBS01

Manual Integrations APPROVED
MMDadoda
3/11/2019 6:55:49 PM

Quant Time: Mar 08 22:59:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	61999	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21473	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery = 96.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	23798	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery = 92.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	38359	1.849	ug/l	97
3) Chloromethane	1.33	50	34873	1.888	ug/l	100
4) Vinyl Chloride	1.40	62	39247	1.889	ug/l	96
5) Bromomethane	1.63	94	26451	1.864	ug/l	99
6) Chloroethane	1.70	64	23576	1.892	ug/l	95
7) Trichlorofluoromethane	1.88	101	54530	1.926	ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32236	1.957	ug/l	98
9) 1,1-Dichloroethene	2.28	96	29736	1.844	ug/l	96
10) Iodomethane	2.41	142	20796	1.669	ug/l	99
11) Allyl Chloride	2.59	41	42812	1.888	ug/l	98
12) Acrylonitrile	2.94	53	13079	3.720	ug/l	97
13) Acetone	2.32	43	26490	9.096	ug/l	94
14) Carbon Disulfide	2.47	76	92216	1.766	ug/l	100
15) Methylene Chloride	2.70	84	35549	1.837	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	33847	1.858	ug/l	99
17) 1,1-Dichloroethane	3.44	63	56703	1.860	ug/l	99
18) 2-Butanone	4.28	43	36690	9.270	ug/l	98
19) Cyclohexane	4.99	56	43262m	1.828	ug/l	
20) Methylcyclohexane	6.41	83	51499	1.868	ug/l	99
21) 2,2-Dichloropropane	4.22	77	46043	1.848	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	36888	1.911	ug/l	98
23) Diethyl Ether	2.10	59	21866	1.809	ug/l	98
24) tert-Butyl Alcohol	2.84	59	23733	19.029	ug/l	96
25) Methyl tert-Butyl Ether	3.00	73	77565	1.910	ug/l	100
26) Bromochloromethane	4.54	128	16704	1.949	ug/l	97
27) Chloroform	4.67	83	60383	1.956	ug/l	92
28) 1,1,1-Trichloroethane	4.91	97	48363	1.848	ug/l	98
29) 1,1-Dichloropropene	5.13	75	41953	1.804	ug/l	97
30) Carbon Tetrachloride	5.13	117	42470	1.860	ug/l	99
31) Isopropyl Ether	3.58	45	82027	1.951	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	78934	1.932	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	71004	1.879	ug/l	99
34) Propionitrile	4.33	54	10946	9.297	ug/l #	97
35) Benzene	5.39	78	130445	1.904	ug/l	99
36) 1,2-Dichloroethane	5.40	62	34685	1.854	ug/l	98
37) Trichloroethene	6.18	130	37444	1.872	ug/l	89
38) 1,2-Dichloropropane	6.43	63	33921	1.956	ug/l	100
39) Methacrylonitrile	4.55	41	8993m	1.816	ug/l	
40) Methyl acrylate	4.43	55	15102	1.929	ug/l #	91
41) Tetrahydrofuran	4.65	42	9255	3.573	ug/l	96
42) 1-Chlorobutane	5.06	56	57968	1.951	ug/l	100

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Quant Time: Mar 08 22:59:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	17733	1.973 ug/l	97
44) Bromodichloromethane	6.75	83	40249	1.823 ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	87024	9.284 ug/l	98
46) t-1,4-Dichloro-2-butene	10.51	75	12597m	3.215 ug/l	
47) Methyl methacrylate	6.63	69	28285	3.667 ug/l	99
48) Ethyl methacrylate	8.02	69	27199	1.841 ug/l	99
49) Toluene	7.63	92	79616	1.892 ug/l	100
50) t-1,3-Dichloropropene	7.88	75	34767	1.797 ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	43451	1.815 ug/l	95
52) 1,1,2-Trichloroethane	8.07	97	25602	1.924 ug/l	98
53) 1,3-Dichloropropane	8.24	76	41119	1.884 ug/l	99
54) 2-Hexanone	8.37	43	59590	9.154 ug/l	96
55) Dibromochloromethane	8.48	129	29278	1.854 ug/l	98
56) 1,2-Dibromoethane	8.58	107	22675	1.798 ug/l	94
58) Tetrachloroethene	8.22	164	41238	2.018 ug/l	98
59) Chlorobenzene	9.12	112	90094	1.863 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	31908	1.840 ug/l	97
61) Pentachloroethane	11.10	117	20940	1.734 ug/l	94
62) Hexachloroethane	12.14	117	22445	1.767 ug/l	100
63) Ethyl Benzene	9.25	91	144159	1.820 ug/l	99
64) m/p-Xylenes	9.37	106	115734	3.696 ug/l	99
65) o-Xylene	9.78	106	55539	1.847 ug/l	95
66) Styrene	9.79	104	94133	1.884 ug/l	99
67) Bromoform	9.95	173	16690	1.800 ug/l	99
69) Isopropylbenzene	10.16	105	148503	1.862 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	30191	1.861 ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	22588m	1.873 ug/l	
72) Bromobenzene	10.45	156	39576	1.875 ug/l	99
73) n-propylbenzene	10.58	120	41418	1.848 ug/l	99
74) 2-Chlorotoluene	10.66	126	37086	1.865 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	125958	1.875 ug/l	99
76) 4-Chlorotoluene	10.77	126	37110	1.830 ug/l	100
77) tert-Butylbenzene	11.10	119	121789	1.832 ug/l	97
78) 1,2,4-Trimethylbenzene	11.15	105	126265	1.860 ug/l	99
79) sec-Butylbenzene	11.32	105	165202	1.875 ug/l	99
80) Nitrobenzene	12.88	77	1665m	5.653 ug/l	
81) p-Isopropyltoluene	11.47	119	137332	1.862 ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	78335	1.874 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	73732	1.805 ug/l	97
84) n-Butylbenzene	11.89	91	118818	1.768 ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	73752	1.871 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4206	1.816 ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	43971	1.742 ug/l	98
88) Hexachlorobutadiene	13.69	225	28932	1.820 ug/l	99
89) Naphthalene	13.74	128	65190	1.731 ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	42573	1.795 ug/l	99

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

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