Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030568.D
Acq On : 30 Mar 2019 10:48
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:02 PM

Quant Time: Mar 31 00:56:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	53633	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	20129	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	17536	0.80	ug/l	0.00
Spiked Amount 1.000			Recovery = 80.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	47642	2.338	ug/l	98
3) Chloromethane	1.33	50	58691	2.510	ug/l	100
4) Vinyl Chloride	1.40	62	51594	2.542	ug/l	99
5) Bromomethane	1.63	94	23606	2.132	ug/l	94
6) Chloroethane	1.70	64	30562	2.629	ug/l	98
7) Trichlorofluoromethane	1.88	101	57057	2.230	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29215	2.131	ug/l	100
9) 1,1-Dichloroethene	2.28	96	28543	2.099	ug/l	96
10) Iodomethane	2.41	142	21686	1.855	ug/l	98
11) Allyl Chloride	2.59	41	65309	3.099	ug/l	97
12) Acrylonitrile	2.94	53	16213	5.241	ug/l	95
13) Acetone	2.32	43	37776	13.807	ug/l	99
14) Carbon Disulfide	2.47	76	107341	2.244	ug/l	100
15) Methylene Chloride	2.69	84	35806	2.195	ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	32187	2.059	ug/l	97
17) 1,1-Dichloroethane	3.44	63	66542	2.428	ug/l	100
18) 2-Butanone	4.28	43	46519	12.258	ug/l	97
19) Cyclohexane	4.98	56	48326	2.049	ug/l	91
20) Methylcyclohexane	6.41	83	45953	1.845	ug/l	95
21) 2,2-Dichloropropane	4.22	77	51370	2.259	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	34194	1.973	ug/l	97
23) Diethyl Ether	2.10	59	27077	2.545	ug/l	98
24) tert-Butyl Alcohol	2.84	59	26204	23.081	ug/l	97
25) Methyl tert-Butyl Ether	3.00	73	81670	2.310	ug/l	94
26) Bromochloromethane	4.54	128	14087	1.890	ug/l	99
27) Chloroform	4.67	83	63400	2.229	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	50736	2.186	ug/l	99
29) 1,1-Dichloropropene	5.13	75	43771	2.075	ug/l	98
30) Carbon Tetrachloride	5.13	117	42120	2.047	ug/l	98
31) Isopropyl Ether	3.58	45	105715	2.637	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	83468	2.249	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	64846	1.945	ug/l	99
34) Propionitrile	4.34	54	12308	11.697	ug/l #	96
35) Benzene	5.38	78	135661	2.190	ug/l	100
36) 1,2-Dichloroethane	5.40	62	41602	2.444	ug/l	100
37) Trichloroethene	6.18	130	32043	1.855	ug/l	99
38) 1,2-Dichloropropane	6.43	63	36873	2.303	ug/l	96
39) Methacrylonitrile	4.55	41	11682	2.496	ug/l	96
40) Methyl acrylate	4.44	55	15968	2.242	ug/l #	93
41) Tetrahydrofuran	4.65	42	12323	4.846	ug/l	97
42) 1-Chlorobutane	5.06	56	66837	2.342	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	16105	1.984 ug/l	93
44) Bromodichloromethane	6.76	83	43980	2.244 ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	107557	12.577 ug/l	97
46) t-1,4-Dichloro-2-butene	10.51	75	10053m	3.207 ug/l	
47) Methyl methacrylate	6.63	69	27015	3.930 ug/l	97
48) Ethyl methacrylate	8.02	69	26968	2.090 ug/l	96
49) Toluene	7.63	92	73697	2.003 ug/l	100
50) t-1,3-Dichloropropene	7.88	75	34877	1.997 ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	45111	2.072 ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	23339	2.056 ug/l	97
53) 1,3-Dichloropropane	8.24	76	42115	2.182 ug/l	97
54) 2-Hexanone	8.37	43	73497	12.051 ug/l	96
55) Dibromochloromethane	8.47	129	26210	1.940 ug/l	100
56) 1,2-Dibromoethane	8.59	107	21693	2.006 ug/l	99
58) Tetrachloroethene	8.22	164	29416	1.879 ug/l	98
59) Chlorobenzene	9.12	112	80945	1.942 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	28555	1.952 ug/l	97
61) Pentachloroethane	11.10	117	21478	1.886 ug/l	99
62) Hexachloroethane	12.14	117	18875	1.694 ug/l	96
63) Ethyl Benzene	9.25	91	133344	1.919 ug/l	98
64) m/p-Xylenes	9.37	106	98216	3.659 ug/l	92
65) o-Xylene	9.77	106	47424	1.803 ug/l	100
66) Styrene	9.79	104	80193	1.845 ug/l	98
67) Bromoform	9.95	173	13803	1.803 ug/l	97
69) Isopropylbenzene	10.16	105	128172	1.851 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	31817	2.238 ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	22644m	2.195 ug/l	
72) Bromobenzene	10.45	156	31489	1.772 ug/l	98
73) n-propylbenzene	10.58	120	33063	1.704 ug/l	99
74) 2-Chlorotoluene	10.66	126	31857	1.868 ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	108786	1.851 ug/l	99
76) 4-Chlorotoluene	10.77	126	29874	1.722 ug/l	91
77) tert-Butylbenzene	11.10	119	101199	1.770 ug/l	98
78) 1,2,4-Trimethylbenzene	11.14	105	105880	1.777 ug/l	97
79) sec-Butylbenzene	11.32	105	141445	1.843 ug/l	100
80) Nitrobenzene	12.89	77	1178m	4.814 ug/l	
81) p-Isopropyltoluene	11.47	119	104311	1.643 ug/l	98
82) 1,3-Dichlorobenzene	11.41	146	62431	1.742 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	62302	1.730 ug/l	97
84) n-Butylbenzene	11.89	91	99337	1.663 ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	58853	1.762 ug/l	96
86) 1,2-Dibromo-3-Chloropropan	12.65	75	4364	2.131 ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	29805	1.274 ug/l	94
88) Hexachlorobutadiene	13.69	225	20779	1.605 ug/l	99
89) Naphthalene	13.74	128	45931	1.251 ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	30331	1.423 ug/l	95

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

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