Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029842.D
Acq On : 06 Mar 2019 16:30
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 08 01:56:12 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

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
3/11/2019 4:50:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	64747	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	24950	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	28119	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	213981	9.877	ug/l	99
3) Chloromethane	1.33	50	183086	9.490	ug/l	100
4) Vinyl Chloride	1.40	62	218297	10.059	ug/l	99
5) Bromomethane	1.62	94	117368	7.919	ug/l	100
6) Chloroethane	1.69	64	129641	9.962	ug/l	98
7) Trichlorofluoromethane	1.88	101	295960	10.007	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	169151	9.831	ug/l	97
9) 1,1-Dichloroethene	2.28	96	169352	10.056	ug/l	99
10) Iodomethane	2.41	142	193357	10.257	ug/l	99
11) Allyl Chloride	2.59	41	231912	9.796	ug/l	99
12) Acrylonitrile	2.93	53	70803	19.281	ug/l	99
13) Acetone	2.32	43	149091	49.021	ug/l	96
14) Carbon Disulfide	2.47	76	535643	9.821	ug/l	100
15) Methylene Chloride	2.69	84	192522	9.527	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	187037	9.831	ug/l	100
17) 1,1-Dichloroethane	3.44	63	327802	10.298	ug/l	99
18) 2-Butanone	4.27	43	216689	52.425	ug/l	99
19) Cyclohexane	4.98	56	257954m	10.437	ug/l	
20) Methylcyclohexane	6.41	83	305296	10.606	ug/l	99
21) 2,2-Dichloropropane	4.22	77	258134	9.921	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	205682	10.201	ug/l	99
23) Diethyl Ether	2.10	59	126896	10.050	ug/l	98
24) tert-Butyl Alcohol	2.83	59	131093	100.651	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	432935	10.208	ug/l	99
26) Bromochloromethane	4.54	128	91918	10.269	ug/l	97
27) Chloroform	4.67	83	323528	10.037	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	278031	10.173	ug/l	99
29) 1,1-Dichloropropene	5.13	75	246381	10.145	ug/l	98
30) Carbon Tetrachloride	5.13	117	246683	10.346	ug/l	99
31) Isopropyl Ether	3.58	45	451728	10.289	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	443876	10.401	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	422819	10.714	ug/l	99
34) Propionitrile	4.33	54	66540	54.119	ug/l	98
35) Benzene	5.38	78	735812	10.285	ug/l	99
36) 1,2-Dichloroethane	5.40	62	195999	10.030	ug/l	100
37) Trichloroethene	6.18	130	210042	10.055	ug/l	99
38) 1,2-Dichloropropane	6.43	63	186860	10.318	ug/l	100
39) Methacrylonitrile	4.55	41	53616	10.367	ug/l	99
40) Methyl acrylate	4.42	55	84877	10.383	ug/l	99
41) Tetrahydrofuran	4.65	42	53841	19.904	ug/l	98
42) 1-Chlorobutane	5.06	56	324331	10.453	ug/l	98

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QLast Update : Fri Mar 08 00:30:10 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	97192	10.355 ug/l	99
44) Bromodichloromethane	6.75	83	238668	10.354 ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	528671	54.007 ug/l	100
46) t-1,4-Dichloro-2-butene	10.51	75	92213m	22.532 ug/l	
47) Methyl methacrylate	6.62	69	178765	22.195 ug/l	99
48) Ethyl methacrylate	8.02	69	180055	11.668 ug/l	99
49) Toluene	7.63	92	471211	10.725 ug/l	99
50) t-1,3-Dichloropropene	7.88	75	217997	10.791 ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	268141	10.722 ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	142644	10.267 ug/l	97
53) 1,3-Dichloropropane	8.24	76	236506	10.379 ug/l	99
54) 2-Hexanone	8.36	43	371456	54.638 ug/l	100
55) Dibromochloromethane	8.47	129	175469	10.642 ug/l	100
56) 1,2-Dibromoethane	8.59	107	134195	10.187 ug/l	98
58) Tetrachloroethene	8.22	164	215890	10.119 ug/l	99
59) Chlorobenzene	9.12	112	531601	10.528 ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.21	131	187295	10.340 ug/l	99
61) Pentachloroethane	11.10	117	132171	10.481 ug/l	99
62) Hexachloroethane	12.14	117	141695	10.681 ug/l	98
63) Ethyl Benzene	9.24	91	902890	10.916 ug/l	100
64) m/p-Xylenes	9.37	106	728874	22.290 ug/l	100
65) o-Xylene	9.77	106	351875	11.204 ug/l	100
66) Styrene	9.79	104	593702	11.379 ug/l	100
67) Bromoform	9.95	173	106435	10.990 ug/l	100
69) Isopropylbenzene	10.16	105	925641	11.115 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	180104	10.630 ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	128270m	10.186 ug/l	
72) Bromobenzene	10.45	156	237839	10.790 ug/l	97
73) n-propylbenzene	10.58	120	263505	11.255 ug/l	99
74) 2-Chlorotoluene	10.66	126	224999	10.834 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	786833	11.215 ug/l	100
76) 4-Chlorotoluene	10.77	126	232236	10.966 ug/l	100
77) tert-Butylbenzene	11.10	119	770108	11.095 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	804545	11.349 ug/l	99
79) sec-Butylbenzene	11.32	105	1044519	11.354 ug/l	100
80) Nitrobenzene	12.86	77	17028	55.361 ug/l	97
81) p-Isopropyltoluene	11.47	119	880301	11.430 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	466806	10.693 ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	462153	10.834 ug/l	99
84) n-Butylbenzene	11.89	91	805592	11.480 ug/l	99
85) 1,2-Dichlorobenzene	11.87	146	434341	10.551 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	26602	10.996 ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	299402	11.357 ug/l	99
88) Hexachlorobutadiene	13.69	225	175180	10.550 ug/l	99
89) Naphthalene	13.74	128	507480	9.946 ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	276685	11.172 ug/l	98

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

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