Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU043018\
Data File : VU023531.D
Acq On : 30 Apr 2018 16:49
Operator : MD/SY
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

Manual Integrations APPROVED
apatel
5/3/2018 4:49:04 PM

Quant Time: May 01 04:58:26 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 01 04:31:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	52800	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	18466	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	17290	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	169129	10.13	ug/l	100
3) Chloromethane	1.33	50	184162	8.72	ug/l	100
4) Vinyl Chloride	1.40	62	185096	9.65	ug/l	100
5) Bromomethane	1.63	94	98733	7.88	ug/l	100
6) Chloroethane	1.70	64	102102	9.28	ug/l	100
7) Trichlorofluoromethane	1.89	101	215315	9.92	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	130265	10.07	ug/l	100
9) 1,1-Dichloroethene	2.29	96	122401	9.45	ug/l	100
10) Iodomethane	2.42	142	157326	10.83	ug/l	100
11) Allyl Chloride	2.60	41	224954	10.87	ug/l	100
12) Acrylonitrile	2.95	53	52617	17.89	ug/l	100
13) Acetone	2.35	43	100304	42.87	ug/l	100
14) Carbon Disulfide	2.48	76	397118	9.75	ug/l	100
15) Methylene Chloride	2.71	84	128180	8.17	ug/l	100
16) trans-1,2-Dichloroethene	2.99	96	128021	9.13	ug/l	100
17) 1,1-Dichloroethane	3.45	63	255669	9.76	ug/l	100
18) 2-Butanone	4.30	43	172989	48.35	ug/l	100
19) Cyclohexane	4.99	56	223521	11.83	ug/l	100
20) Methylcyclohexane	6.41	83	240207	10.98	ug/l	100
21) 2,2-Dichloropropane	4.23	77	203342	10.61	ug/l	100
22) cis-1,2-Dichloroethene	4.23	96	140877	9.04	ug/l	100
23) Diethyl Ether	2.11	59	100664	9.52	ug/l	100
24) tert-Butyl Alcohol	2.90	59	74149	71.96	ug/l	100
25) Methyl tert-Butyl Ether	3.01	73	308346	9.40	ug/l	100
26) Bromochloromethane	4.55	128	54909	8.03	ug/l	100
27) Chloroform	4.68	83	239650	9.18	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	198652	9.89	ug/l	100
29) 1,1-Dichloropropene	5.13	75	196665	9.94	ug/l	100
30) Carbon Tetrachloride	5.13	117	170986	10.16	ug/l	100
31) Isopropyl Ether	3.58	45	433749	10.85	ug/l	100
32) Ethyl-t-butyl ether	4.09	59	376018	10.43	ug/l	100
33) Tert-Amyl methyl ether	5.59	73	322043	10.31	ug/l	100
34) Propionitrile	4.37	54	49345	45.58	ug/l	100
35) Benzene	5.39	78	602292	10.06	ug/l	100
36) 1,2-Dichloroethane	5.41	62	165331	10.41	ug/l	100
37) Trichloroethene	6.18	130	155810	9.76	ug/l	100
38) 1,2-Dichloropropane	6.44	63	162961	10.70	ug/l	100
39) Methacrylonitrile	4.56	41	48977	10.91	ug/l	100
40) Methyl acrylate	4.44	55	72173	10.63	ug/l	100
41) Tetrahydrofuran	4.67	42	47534	18.97	ug/l	100
42) 1-Chlorobutane	5.07	56	285113	10.71	ug/l	100

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 01 04:31:20 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	69489	9.63	ug/l		100
44) Bromodichloromethane	6.76	83	175607	10.41	ug/l		100
45) 4-Methyl-2-Pentanone	7.48	43	437079	52.61	ug/l		100
46) t-1,4-Dichloro-2-butene	10.52	75	47837m	18.46	ug/l		
47) Methyl methacrylate	6.64	69	134552	19.66	ug/l		100
48) Ethyl methacrylate	8.03	69	121385	9.96	ug/l		100
49) Toluene	7.64	92	358863	10.24	ug/l		100
50) t-1,3-Dichloropropene	7.89	75	161368	11.12	ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	204171	10.93	ug/l		100
52) 1,1,2-Trichloroethane	8.07	97	99523	9.47	ug/l		100
53) 1,3-Dichloropropane	8.25	76	180822	10.01	ug/l		100
54) 2-Hexanone	8.37	43	304530	53.75	ug/l		100
55) Dibromochloromethane	8.48	129	113652	10.51	ug/l		100
56) 1,2-Dibromoethane	8.59	107	87511	9.46	ug/l		100
58) Tetrachloroethene	8.23	164	147722	10.40	ug/l		100
59) Chlorobenzene	9.12	112	375098	9.76	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	126433	9.76	ug/l		100
61) Pentachloroethane	11.10	117	85778	9.14	ug/l		100
62) Hexachloroethane	12.15	117	85622	10.15	ug/l		100
63) Ethyl Benzene	9.25	91	658142	10.38	ug/l		100
64) m/p-Xylenes	9.38	106	509954	20.80	ug/l		100
65) o-Xylene	9.78	106	244103	10.09	ug/l		100
66) Styrene	9.80	104	415843	10.41	ug/l		100
67) Bromoform	9.96	173	59353	10.08	ug/l		100
69) Isopropylbenzene	10.17	105	629464	10.43	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	113387	9.00	ug/l		100
71) 1,2,3-Trichloropropane	10.50	75	79063	8.51	ug/l	#	100
72) Bromobenzene	10.45	156	151521	9.34	ug/l		100
73) n-propylbenzene	10.59	120	175749	10.37	ug/l		100
74) 2-Chlorotoluene	10.66	126	150064	9.78	ug/l		100
75) 1,3,5-Trimethylbenzene	10.78	105	538953	10.40	ug/l		100
76) 4-Chlorotoluene	10.78	126	157337	9.91	ug/l		100
77) tert-Butylbenzene	11.10	119	490115	9.99	ug/l		100
78) 1,2,4-Trimethylbenzene	11.15	105	541837	10.22	ug/l		100
79) sec-Butylbenzene	11.33	105	688236	10.37	ug/l		100
80) Nitrobenzene	12.87	77	21510	75.41	ug/l		100
81) p-Isopropyltoluene	11.48	119	575899	10.38	ug/l		100
82) 1,3-Dichlorobenzene	11.42	146	293410	9.29	ug/l		100
83) 1,4-Dichlorobenzene	11.51	146	298614	9.38	ug/l		100
84) n-Butylbenzene	11.89	91	561786	10.68	ug/l		100
85) 1,2-Dichlorobenzene	11.88	146	264653	8.99	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	15832	9.37	ug/l		100
87) 1,2,4-Trichlorobenzene	13.51	180	195672	9.44	ug/l		100
88) Hexachlorobutadiene	13.70	225	114255	10.02	ug/l		100
89) Naphthalene	13.75	128	320598	9.80	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	183007	9.32	ug/l		100

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

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