Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU043018\
Data File : VU023528.D
Acq On : 30 Apr 2018 15:25
Operator : MD/SY
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
apatel
5/3/2018 4:39:03 PM

Quant Time: May 01 04:51:57 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	51548	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	16053	0.87	ug/l		0.00
Spiked Amount 1.000			Recovery = 87.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	16170	0.89	ug/l		0.00
Spiked Amount 1.000			Recovery = 89.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	16786	1.03	ug/l		99
3) Chloromethane	1.33	50	20396	0.99	ug/l		96
4) Vinyl Chloride	1.40	62	18937	1.01	ug/l	#	84
5) Bromomethane	1.63	94	10224	0.84	ug/l		98
6) Chloroethane	1.70	64	11328	1.05	ug/l		100
7) Trichlorofluoromethane	1.89	101	21821	1.03	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	13480	1.07	ug/l		99
9) 1,1-Dichloroethene	2.29	96	12301	0.97	ug/l		97
10) Iodomethane	2.42	142	13504	0.95	ug/l		99
11) Allyl Chloride	2.60	41	23036	1.14	ug/l		99
12) Acrylonitrile	2.96	53	5492	1.91	ug/l		92
13) Acetone	2.36	43	11123	4.87	ug/l		96
14) Carbon Disulfide	2.48	76	41123	1.03	ug/l		100
15) Methylene Chloride	2.71	84	14230	0.93	ug/l		98
16) trans-1,2-Dichloroethene	2.99	96	13280	0.97	ug/l		98
17) 1,1-Dichloroethane	3.45	63	25874	1.01	ug/l		99
18) 2-Butanone	4.31	43	17570	5.03	ug/l		99
19) Cyclohexane	4.99	56	22893	1.24	ug/l		99
20) Methylcyclohexane	6.41	83	21289	1.00	ug/l		98
21) 2,2-Dichloropropane	4.23	77	20898	1.12	ug/l		98
22) cis-1,2-Dichloroethene	4.23	96	14598	0.96	ug/l		100
23) Diethyl Ether	2.11	59	9908	0.96	ug/l		97
24) tert-Butyl Alcohol	2.92	59	7480m	7.44	ug/l		
25) Methyl tert-Butyl Ether	3.01	73	31424	0.98	ug/l		95
26) Bromochloromethane	4.55	128	5777	0.86	ug/l		99
27) Chloroform	4.68	83	25015	0.98	ug/l		96
28) 1,1,1-Trichloroethane	4.91	97	19787	1.01	ug/l		100
29) 1,1-Dichloropropene	5.13	75	19794	1.02	ug/l		97
30) Carbon Tetrachloride	5.13	117	16160	0.98	ug/l		97
31) Isopropyl Ether	3.58	45	42896	1.10	ug/l		97
32) Ethyl-t-butyl ether	4.09	59	37545	1.07	ug/l		100
33) Tert-Amyl methyl ether	5.60	73	30778	1.01	ug/l		98
34) Propionitrile	4.39	54	4891m	4.63	ug/l		
35) Benzene	5.39	78	53760	0.92	ug/l		100
36) 1,2-Dichloroethane	5.41	62	16214	1.05	ug/l		97
37) Trichloroethene	6.18	130	15444	0.99	ug/l		96
38) 1,2-Dichloropropane	6.44	63	15649	1.05	ug/l		99
39) Methacrylonitrile	4.56	41	5153	1.18	ug/l		94
40) Methyl acrylate	4.45	55	6677	1.01	ug/l	#	95
41) Tetrahydrofuran	4.68	42	5916	2.42	ug/l		93
42) 1-Chlorobutane	5.07	56	27835	1.07	ug/l		99

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Quant Time: May 01 04:51:57 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)
43) Dibromomethane	6.57	93	7010	1.00	ug/l		96
44) Bromodichloromethane	6.76	83	16827	1.02	ug/l		96
45) 4-Methyl-2-Pentanone	7.48	43	37559	4.63	ug/l		99
46) t-1,4-Dichloro-2-butene	10.52	75	4364m	1.73	ug/l		
47) Methyl methacrylate	6.64	69	11172	1.67	ug/l		97
48) Ethyl methacrylate	8.03	69	9994	0.84	ug/l		95
49) Toluene	7.64	92	31345	0.92	ug/l		96
50) t-1,3-Dichloropropene	7.89	75	13300	0.94	ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	17960	0.98	ug/l		99
52) 1,1,2-Trichloroethane	8.08	97	9385	0.92	ug/l		97
53) 1,3-Dichloropropane	8.25	76	16788	0.95	ug/l		99
54) 2-Hexanone	8.38	43	24814	4.49	ug/l		98
55) Dibromochloromethane	8.48	129	10367	0.98	ug/l		97
56) 1,2-Dibromoethane	8.59	107	8110	0.90	ug/l		98
58) Tetrachloroethene	8.23	164	13753	0.99	ug/l		99
59) Chlorobenzene	9.12	112	35269	0.94	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	11730	0.93	ug/l		98
61) Pentachloroethane	11.10	117	8929	0.97	ug/l		88
62) Hexachloroethane	12.15	117	7761	0.94	ug/l		100
63) Ethyl Benzene	9.25	91	54663	0.88	ug/l		98
64) m/p-Xylenes	9.38	106	41117	1.72	ug/l		99
65) o-Xylene	9.78	106	20253	0.86	ug/l		99
66) Styrene	9.80	104	32226	0.83	ug/l		98
67) Bromoform	9.97	173	5240	0.91	ug/l		99
69) Isopropylbenzene	10.17	105	52031	0.88	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	11048	0.90	ug/l		100
71) 1,2,3-Trichloropropane	10.50	75	8494m	0.94	ug/l		
72) Bromobenzene	10.46	156	13704	0.87	ug/l		98
73) n-propylbenzene	10.59	120	14308	0.86	ug/l		100
74) 2-Chlorotoluene	10.67	126	13165	0.88	ug/l		93
75) 1,3,5-Trimethylbenzene	10.78	105	43210	0.85	ug/l		98
76) 4-Chlorotoluene	10.78	126	13501	0.87	ug/l		93
77) tert-Butylbenzene	11.10	119	41308	0.86	ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	43345	0.84	ug/l		99
79) sec-Butylbenzene	11.33	105	57966	0.89	ug/l		99
80) Nitrobenzene	12.87	77	1827	6.56	ug/l	#	86
81) p-Isopropyltoluene	11.48	119	46760	0.86	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	27718	0.90	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	27647	0.89	ug/l		97
84) n-Butylbenzene	11.89	91	45712	0.89	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	25110	0.87	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1440	0.87	ug/l		96
87) 1,2,4-Trichlorobenzene	13.51	180	17330	0.86	ug/l		99
88) Hexachlorobutadiene	13.70	225	11057	0.99	ug/l		98
89) Naphthalene	13.75	128	24400	0.76	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	16193	0.84	ug/l		99

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

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