Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU043018\
Data File : VU023533.D
Acq On : 30 Apr 2018 17:46
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU043018

Manual Integrations APPROVED
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5/3/2018 4:49:11 PM

Quant Time: May 01 05:17:32 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\524U043018DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue May 01 05:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	53850	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	18700	1.06	ug/l		0.00
Spiked Amount 1.000			Recovery =	106.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	17327	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery =	101.00%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	153626	8.79	ug/l		100
3) Chloromethane	1.33	50	187128	9.24	ug/l		99
4) Vinyl Chloride	1.40	62	190754	9.82	ug/l		99
5) Bromomethane	1.64	94	108064	10.40	ug/l		100
6) Chloroethane	1.70	64	106163	9.81	ug/l		100
7) Trichlorofluoromethane	1.89	101	227836	10.21	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	141013	10.29	ug/l		99
9) 1,1-Dichloroethene	2.29	96	132138	10.38	ug/l		98
10) Iodomethane	2.42	142	162436	10.74	ug/l		100
11) Allyl Chloride	2.60	41	255560	10.93	ug/l		97
12) Acrylonitrile	2.95	53	140323	53.44	ug/l		96
13) Acetone	2.34	43	163980	73.58	ug/l		98
14) Carbon Disulfide	2.48	76	431317	10.30	ug/l		100
15) Methylene Chloride	2.71	84	138489	9.56	ug/l		97
16) trans-1,2-Dichloroethene	2.99	96	141749	10.40	ug/l		98
17) 1,1-Dichloroethane	3.45	63	277939	10.35	ug/l		100
18) 2-Butanone	4.30	43	211887	58.84	ug/l		99
19) Cyclohexane	4.99	56	238568	10.28	ug/l		99
20) Methylcyclohexane	6.41	83	263689	11.14	ug/l		99
21) 2,2-Dichloropropane	4.23	77	223335	10.49	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	153849	10.43	ug/l		99
23) Diethyl Ether	2.11	59	107312	10.32	ug/l		99
24) tert-Butyl Alcohol	2.88	59	42156	55.67	ug/l	#	82
25) Methyl tert-Butyl Ether	3.01	73	329405	10.30	ug/l		100
26) Bromochloromethane	4.55	128	56052	9.62	ug/l		99
27) Chloroform	4.68	83	253047	10.01	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	217914	10.50	ug/l		100
29) 1,1-Dichloropropene	5.13	75	208332	10.23	ug/l		99
30) Carbon Tetrachloride	5.13	117	186298	10.67	ug/l		100
31) Isopropyl Ether	3.58	45	471276	10.40	ug/l	#	1
34) Propionitrile	4.36	54	103432	100.87	ug/l	#	94
35) Benzene	5.39	78	651281	10.77	ug/l		100
36) 1,2-Dichloroethane	5.41	62	175742	10.27	ug/l		100
37) Trichloroethene	6.19	130	167953	10.34	ug/l		99
38) 1,2-Dichloropropane	6.44	63	173952	10.48	ug/l		99
39) Methacrylonitrile	4.56	41	51913	9.90	ug/l		98
40) Methyl acrylate	4.44	55	78178	10.75	ug/l		99
41) Tetrahydrofuran	4.67	42	122348	45.29	ug/l		99
42) 1-Chlorobutane	5.07	56	306241	10.38	ug/l		99
43) Dibromomethane	6.56	93	75193	10.54	ug/l		100
44) Bromodichloromethane	6.76	83	191699	10.69	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.48	43	473574	56.15	ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	29905m	11.99	ug/l	
47) Methyl methacrylate	6.64	69	70768	10.94	ug/l	99
48) Ethyl methacrylate	8.03	69	133683	11.82	ug/l	98
49) Toluene	7.64	92	390922	11.19	ug/l	98
50) t-1,3-Dichloropropene	7.89	75	183805	12.01	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	229594	11.52	ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	110223	10.85	ug/l	99
53) 1,3-Dichloropropane	8.25	76	194705	10.79	ug/l	99
54) 2-Hexanone	8.37	43	358278	62.36	ug/l	100
55) Dibromochloromethane	8.48	129	120493	10.83	ug/l	99
56) 1,2-Dibromoethane	8.59	107	96432	11.02	ug/l	99
58) Tetrachloroethene	8.23	164	160616	10.85	ug/l	97
59) Chlorobenzene	9.12	112	409166	10.94	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	135887	10.70	ug/l	100
61) Pentachloroethane	11.10	117	96150	10.66	ug/l	98
62) Hexachloroethane	12.15	117	91828	10.61	ug/l	99
63) Ethyl Benzene	9.25	91	725745	11.67	ug/l	99
64) m/p-Xylenes	9.38	106	561457	23.42	ug/l	100
65) o-Xylene	9.78	106	262023	11.35	ug/l	99
66) Styrene	9.80	104	434613	11.41	ug/l	99
67) Bromoform	9.96	173	64294	11.06	ug/l	100
69) Isopropylbenzene	10.17	105	712752	11.98	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	121767	10.64	ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	88122m	10.76	ug/l	
72) Bromobenzene	10.46	156	163821	11.06	ug/l	96
73) n-propylbenzene	10.59	120	195978	11.92	ug/l	97
74) 2-Chlorotoluene	10.66	126	166347	11.44	ug/l	97
75) 1,3,5-Trimethylbenzene	10.78	105	597975	11.93	ug/l	100
76) 4-Chlorotoluene	10.78	126	173165	11.50	ug/l	99
77) tert-Butylbenzene	11.10	119	540621	11.52	ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	597532	11.81	ug/l	99
79) sec-Butylbenzene	11.33	105	722722	10.99	ug/l	99
80) Nitrobenzene	12.87	77	4785	12.00	ug/l	96
81) p-Isopropyltoluene	11.48	119	635942	11.77	ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	321145	10.87	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	325404	11.03	ug/l	100
84) n-Butylbenzene	11.89	91	622726	11.81	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	286012	10.72	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	18187	11.26	ug/l	99
87) 1,2,4-Trichlorobenzene	13.51	180	228170	11.82	ug/l	99
88) Hexachlorobutadiene	13.70	225	126155	10.78	ug/l	99
89) Naphthalene	13.75	128	366054	12.59	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	200377	11.06	ug/l	99

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

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