Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU043018\
Data File : VU023542.D
Acq On : 30 Apr 2018 22:25
Operator : MD/SY
Sample : VU0430WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 01 05:53:09 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

Instrument : MSVOA_U
ClientSampleId : VU0430WBSD01

Manual Integrations APPROVED

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5/3/2018 4:49:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	46017	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	15635	1.04	ug/l		0.00
Spiked Amount 1.000			Recovery =	104.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	16120	1.10	ug/l		0.00
Spiked Amount 1.000			Recovery =	110.00%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	31660	2.12	ug/l		99
3) Chloromethane	1.33	50	36780	2.12	ug/l		100
4) Vinyl Chloride	1.40	62	35373	2.13	ug/l		89
5) Bromomethane	1.63	94	22690	2.56	ug/l		98
6) Chloroethane	1.70	64	19055	2.06	ug/l		95
7) Trichlorofluoromethane	1.89	101	41643	2.18	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	23846	2.04	ug/l		100
9) 1,1-Dichloroethene	2.29	96	22743	2.09	ug/l		96
10) Iodomethane	2.41	142	20144	1.56	ug/l		98
11) Allyl Chloride	2.60	41	41057	2.05	ug/l		98
12) Acrylonitrile	2.96	53	10685	4.76	ug/l	#	95
13) Acetone	2.36	43	20383	10.70	ug/l		92
14) Carbon Disulfide	2.48	76	73370	2.05	ug/l		100
15) Methylene Chloride	2.70	84	25000	2.02	ug/l		98
16) trans-1,2-Dichloroethene	2.99	96	23972	2.06	ug/l		99
17) 1,1-Dichloroethane	3.45	63	47736	2.08	ug/l		99
18) 2-Butanone	4.31	43	31475	10.23	ug/l		100
19) Cyclohexane	4.99	56	41066	2.07	ug/l		99
20) Methylcyclohexane	6.41	83	36578	1.81	ug/l		97
21) 2,2-Dichloropropane	4.23	77	35072	1.93	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	26409	2.09	ug/l		99
23) Diethyl Ether	2.11	59	18833	2.12	ug/l		98
24) tert-Butyl Alcohol	2.93	59	11820m	18.27	ug/l		
25) Methyl tert-Butyl Ether	3.01	73	57204	2.09	ug/l		98
26) Bromochloromethane	4.55	128	10581	2.12	ug/l		100
27) Chloroform	4.68	83	45220	2.09	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	36745	2.07	ug/l		99
29) 1,1-Dichloropropene	5.13	75	35718	2.05	ug/l		98
30) Carbon Tetrachloride	5.13	117	30420	2.04	ug/l		96
31) Isopropyl Ether	3.58	45	77373	2.00	ug/l		97
32) Ethyl-t-butyl ether	4.09	59	67045	2.03	ug/l		99
33) Tert-Amyl methyl ether	5.59	73	54067	1.93	ug/l		99
34) Propionitrile	4.37	54	8288	9.46	ug/l	#	87
35) Benzene	5.39	78	105069	2.03	ug/l		99
36) 1,2-Dichloroethane	5.41	62	31068	2.12	ug/l		99
37) Trichloroethene	6.18	130	28046	2.02	ug/l		98
38) 1,2-Dichloropropane	6.44	63	29546	2.08	ug/l		96
39) Methacrylonitrile	4.56	41	9453	2.11	ug/l		98
40) Methyl acrylate	4.45	55	14618	2.35	ug/l	#	94
41) Tetrahydrofuran	4.68	42	9700	4.20	ug/l		96
42) 1-Chlorobutane	5.07	56	51856	2.06	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.57	93	13155	2.16	ug/l		99
44) Bromodichloromethane	6.76	83	31484	2.05	ug/l		99
45) 4-Methyl-2-Pentanone	7.48	43	73807	10.24	ug/l		97
46) t-1,4-Dichloro-2-butene	10.52	75	7984m	3.75	ug/l		
47) Methyl methacrylate	6.64	69	22362	4.05	ug/l		99
48) Ethyl methacrylate	8.03	69	18488	1.91	ug/l		96
49) Toluene	7.64	92	60897	2.04	ug/l		100
50) t-1,3-Dichloropropene	7.89	75	26267	2.01	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	32948	1.94	ug/l		100
52) 1,1,2-Trichloroethane	8.07	97	18887	2.18	ug/l		97
53) 1,3-Dichloropropane	8.25	76	32024	2.08	ug/l		98
54) 2-Hexanone	8.38	43	47161	9.61	ug/l		96
55) Dibromochloromethane	8.48	129	19943	2.10	ug/l		98
56) 1,2-Dibromoethane	8.59	107	15860	2.12	ug/l		99
58) Tetrachloroethene	8.23	164	25994	2.05	ug/l		96
59) Chlorobenzene	9.12	112	65475	2.05	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	21994	2.03	ug/l		98
61) Pentachloroethane	11.10	117	17024	2.21	ug/l		91
62) Hexachloroethane	12.15	117	16092	2.18	ug/l		96
63) Ethyl Benzene	9.25	91	105074	1.98	ug/l		100
64) m/p-Xylenes	9.38	106	82212	4.01	ug/l		99
65) o-Xylene	9.78	106	39369	2.00	ug/l		95
66) Styrene	9.80	104	66738	2.05	ug/l		99
67) Bromoform	9.96	173	10559	2.13	ug/l		99
69) Isopropylbenzene	10.17	105	103213	2.03	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	22390	2.29	ug/l		96
71) 1,2,3-Trichloropropane	10.50	75	17222m	2.46	ug/l		
72) Bromobenzene	10.45	156	26834	2.12	ug/l		97
73) n-propylbenzene	10.59	120	28370	2.02	ug/l		94
74) 2-Chlorotoluene	10.66	126	26042	2.10	ug/l		99
75) 1,3,5-Trimethylbenzene	10.78	105	90533	2.11	ug/l		100
76) 4-Chlorotoluene	10.78	126	27561	2.14	ug/l		99
77) tert-Butylbenzene	11.10	119	83638	2.08	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	93369	2.16	ug/l		98
79) sec-Butylbenzene	11.33	105	118499	2.11	ug/l		100
80) Nitrobenzene	12.87	77	3719	11.13	ug/l	#	94
81) p-Isopropyltoluene	11.48	119	97334	2.11	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	54384	2.15	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	55323	2.19	ug/l		98
84) n-Butylbenzene	11.89	91	93243	2.07	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	49138	2.16	ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2893	2.10	ug/l		95
87) 1,2,4-Trichlorobenzene	13.51	180	33605	2.04	ug/l		97
88) Hexachlorobutadiene	13.70	225	21148	2.11	ug/l		99
89) Naphthalene	13.75	128	46305	1.86	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	30996	2.00	ug/l		99

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

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