Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025636.D
Acq On : 25 Jul 2018 17:28
Operator : MD/SY
Sample : J3762-07 LOD-MDL 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 26 03:41:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2018

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	43089	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	14673	0.92	ug/l		0.00
Spiked Amount 1.000			Recovery = 92.00%				
68) 1,2-Dichlorobenzene-d4	11.87	152	17115	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	3916	0.255	ug/l		85
3) Chloromethane	1.34	50	3622	0.249	ug/l		90
4) Vinyl Chloride	1.40	62	3835	0.285	ug/l		97
5) Bromomethane	1.63	94	1571	0.240	ug/l		99
6) Chloroethane	1.70	64	2086	0.259	ug/l	#	84
7) Trichlorofluoromethane	1.89	101	5261	0.268	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	3087	0.287	ug/l		93
9) 1,1-Dichloroethene	2.29	96	2699	0.284	ug/l		91
10) Iodomethane	2.41	142	922	0.928	ug/l		99
11) Allyl Chloride	2.60	41	4295	0.270	ug/l		85
12) Acrylonitrile	2.95	53	1323	0.632	ug/l		90
13) Acetone	2.34	43	3432	1.884	ug/l		95
14) Carbon Disulfide	2.48	76	9151	0.282	ug/l		97
15) Methylene Chloride	2.71	84	3760	0.332	ug/l		83
16) trans-1,2-Dichloroethene	2.98	96	2932	0.275	ug/l		97
17) 1,1-Dichloroethane	3.45	63	5231	0.248	ug/l	#	95
18) 2-Butanone	4.30	43	5417	1.714	ug/l		98
19) Cyclohexane	4.99	56	4462	0.274	ug/l		96
20) Methylcyclohexane	6.42	83	4759	0.238	ug/l		99
21) 2,2-Dichloropropane	4.23	77	6231	0.309	ug/l	#	81
22) cis-1,2-Dichloroethene	4.23	96	4037	0.301	ug/l		95
23) Diethyl Ether	2.10	59	1864	0.259	ug/l	#	77
24) tert-Butyl Alcohol	2.86	59	2903	3.435	ug/l	#	94
25) Methyl tert-Butyl Ether	3.01	73	7031	0.274	ug/l		96
26) Bromochloromethane	4.56	128	1532	0.259	ug/l		80
27) Chloroform	4.68	83	6248	0.269	ug/l		100
28) 1,1,1-Trichloroethane	4.92	97	5307	0.253	ug/l		97
29) 1,1-Dichloropropene	5.14	75	4347	0.253	ug/l		97
30) Carbon Tetrachloride	5.13	117	4834	0.254	ug/l		95
31) Isopropyl Ether	3.58	45	9474	0.280	ug/l		98
32) Ethyl-t-butyl ether	4.09	59	8758	0.272	ug/l		94
33) Tert-Amyl methyl ether	5.59	73	7318	0.258	ug/l	#	81
34) Propionitrile	4.35	54	1129	1.286	ug/l	#	68
35) Benzene	5.39	78	12098	0.252	ug/l		96
36) 1,2-Dichloroethane	5.41	62	3577	0.243	ug/l		96
37) Trichloroethene	6.19	130	4032	0.285	ug/l		97
38) 1,2-Dichloropropane	6.44	63	3060	0.246	ug/l		99
39) Methacrylonitrile	4.56	41	1107	0.274	ug/l	#	56
40) Methyl acrylate	4.44	55	1591	0.261	ug/l	#	70
41) Tetrahydrofuran	4.66	42	1340	0.561	ug/l	#	80
42) 1-Chlorobutane	5.07	56	5813	0.248	ug/l		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	1640	0.252	ug/l		91
44) Bromodichloromethane	6.76	83	4399	0.267	ug/l	#	85
45) 4-Methyl-2-Pentanone	7.47	43	9802	1.352	ug/l		94
46) t-1,4-Dichloro-2-butene	10.51	75	1489m	1.946	ug/l		
47) Methyl methacrylate	6.63	69	2630	0.484	ug/l		93
48) Ethyl methacrylate	8.03	69	2420	0.222	ug/l		95
49) Toluene	7.64	92	7311	0.249	ug/l		99
50) t-1,3-Dichloropropene	7.89	75	3683	0.248	ug/l		93
51) cis-1,3-Dichloropropene	7.27	75	4634	0.260	ug/l	#	84
52) 1,1,2-Trichloroethane	8.07	97	2352	0.270	ug/l		92
53) 1,3-Dichloropropane	8.25	76	3636	0.247	ug/l		99
54) 2-Hexanone	8.37	43	6444	1.258	ug/l		92
55) Dibromochloromethane	8.48	129	2596	0.234	ug/l		95
56) 1,2-Dibromoethane	8.60	107	2104	0.249	ug/l		98
58) Tetrachloroethene	8.23	164	3742	0.294	ug/l		89
59) Chlorobenzene	9.12	112	8882	0.263	ug/l		93
60) 1,1,1,2-Tetrachloroethane	9.21	131	3177	0.254	ug/l		93
61) Pentachloroethane	11.10	117	2401	0.251	ug/l		94
62) Hexachloroethane	12.15	117	2149	0.220	ug/l		96
63) Ethyl Benzene	9.26	91	13050	0.233	ug/l		100
64) m/p-Xylenes	9.38	106	9892	0.448	ug/l		95
65) o-Xylene	9.78	106	5042	0.240	ug/l		89
66) Styrene	9.80	104	8281	0.232	ug/l		100
67) Bromoform	9.96	173	1471	0.225	ug/l	#	84
69) Isopropylbenzene	10.17	105	13101	0.231	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	2453	0.224	ug/l		96
71) 1,2,3-Trichloropropane	10.50	75	1985m	0.233	ug/l		
72) Bromobenzene	10.45	156	3526	0.239	ug/l		96
73) n-propylbenzene	10.59	120	3400	0.212	ug/l		98
74) 2-Chlorotoluene	10.66	126	3193	0.227	ug/l		99
75) 1,3,5-Trimethylbenzene	10.78	105	10700	0.216	ug/l		96
76) 4-Chlorotoluene	10.78	126	3229	0.218	ug/l		97
77) tert-Butylbenzene	11.10	119	10937	0.224	ug/l		97
78) 1,2,4-Trimethylbenzene	11.15	105	11231	0.222	ug/l		96
79) sec-Butylbenzene	11.33	105	14557	0.227	ug/l		99
80) Nitrobenzene	12.87	77	493	1.479	ug/l	#	40
81) p-Isopropyltoluene	11.48	119	11787	0.216	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	7366	0.243	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	8408	0.284	ug/l		94
84) n-Butylbenzene	11.89	91	11784	0.230	ug/l		94
85) 1,2-Dichlorobenzene	11.88	146	7303	0.264	ug/l		94
86) 1,2-Dibromo-3-Chloropropan	12.66	75	398	0.220	ug/l	#	76
87) 1,2,4-Trichlorobenzene	13.51	180	6168	0.320	ug/l		98
88) Hexachlorobutadiene	13.70	225	2918	0.246	ug/l		96
89) Naphthalene	13.75	128	7436	0.238	ug/l		97
90) 1,2,3-Trichlorobenzene	13.99	180	4412	0.250	ug/l		98

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

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