Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025637.D
Acq On : 25 Jul 2018 17:52
Operator : MD/SY
Sample : J3762-09 MDL 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 26 02:25:04 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	33938	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	11967	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
68) 1,2-Dichlorobenzene-d4	11.87	152	12941	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	2891	0.239	ug/l		95
3) Chloromethane	1.33	50	2630	0.230	ug/l		97
4) Vinyl Chloride	1.40	62	2996	0.283	ug/l		96
6) Chloroethane	1.70	64	1434	0.226	ug/l	#	79
7) Trichlorofluoromethane	1.89	101	4124	0.267	ug/l		95
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2177	0.257	ug/l		95
9) 1,1-Dichloroethene	2.29	96	1792	0.240	ug/l		99
10) Iodomethane	2.42	142	604	0.913	ug/l	#	66
11) Allyl Chloride	2.59	41	3395	0.271	ug/l	#	67
12) Acrylonitrile	2.95	53	727	0.441	ug/l	#	66
13) Acetone	2.33	43	2741	1.911	ug/l		91
14) Carbon Disulfide	2.48	76	6795	0.266	ug/l		96
15) Methylene Chloride	2.71	84	2700	0.303	ug/l		94
16) trans-1,2-Dichloroethene	2.99	96	2208	0.263	ug/l	#	80
17) 1,1-Dichloroethane	3.45	63	3968	0.238	ug/l	#	85
18) 2-Butanone	4.29	43	3506	1.408	ug/l		99
19) Cyclohexane	4.99	56	2931	0.228	ug/l	#	77
20) Methylcyclohexane	6.42	83	3873	0.246	ug/l		92
21) 2,2-Dichloropropane	4.23	77	5077	0.320	ug/l	#	82
22) cis-1,2-Dichloroethene	4.23	96	2508	0.237	ug/l		81
23) Diethyl Ether	2.10	59	1435	0.253	ug/l	#	90
24) tert-Butyl Alcohol	2.86	59	2430	3.650	ug/l		98
25) Methyl tert-Butyl Ether	3.00	73	4947	0.244	ug/l		96
26) Bromochloromethane	4.55	128	1113	0.239	ug/l		78
27) Chloroform	4.68	83	4614	0.252	ug/l		96
28) 1,1,1-Trichloroethane	4.91	97	4147	0.251	ug/l		97
29) 1,1-Dichloropropene	5.14	75	3419	0.253	ug/l		96
30) Carbon Tetrachloride	5.14	117	3583	0.239	ug/l		99
31) Isopropyl Ether	3.58	45	6874	0.258	ug/l		85
32) Ethyl-t-butyl ether	4.09	59	6131	0.242	ug/l		96
33) Tert-Amyl methyl ether	5.59	73	5031	0.225	ug/l		95
34) Propionitrile	4.35	54	375	0.542	ug/l	#	48
35) Benzene	5.39	78	9119	0.241	ug/l		96
36) 1,2-Dichloroethane	5.41	62	2829	0.244	ug/l	#	79
37) Trichloroethene	6.19	130	3000	0.269	ug/l		98
38) 1,2-Dichloropropane	6.44	63	2437	0.248	ug/l		93
39) Methacrylonitrile	4.56	41	709	0.223	ug/l	#	80
40) Methyl acrylate	4.45	55	963	0.201	ug/l	#	73
41) Tetrahydrofuran	4.67	42	1042	0.554	ug/l	#	77
42) 1-Chlorobutane	5.07	56	4395	0.238	ug/l		89
43) Dibromomethane	6.57	93	1271	0.248	ug/l	#	81

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT3-2018

Quant Time: Jul 26 02:25:04 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
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Bromodichloromethane	6.76	83	3027	0.233 ug/l #	81
45) 4-Methyl-2-Pentanone	7.47	43	6486	1.136 ug/l	95
46) t-1,4-Dichloro-2-butene	10.50	75	1496	2.069 ug/l #	45
47) Methyl methacrylate	6.63	69	1724	0.403 ug/l #	77
48) Ethyl methacrylate	8.03	69	1897	0.220 ug/l	89
49) Toluene	7.64	92	5553	0.240 ug/l	93
50) t-1,3-Dichloropropene	7.89	75	2544	0.217 ug/l	93
51) cis-1,3-Dichloropropene	7.27	75	3018	0.215 ug/l #	87
52) 1,1,2-Trichloroethane	8.07	97	1517	0.221 ug/l	91
53) 1,3-Dichloropropane	8.25	76	2738	0.236 ug/l	99
54) 2-Hexanone	8.37	43	4686	1.162 ug/l	90
55) Dibromochloromethane	8.48	129	2083	0.239 ug/l	100
56) 1,2-Dibromoethane	8.59	107	1618	0.244 ug/l	94
58) Tetrachloroethene	8.23	164	2401	0.240 ug/l	94
59) Chlorobenzene	9.12	112	6312	0.238 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	2263	0.229 ug/l	92
61) Pentachloroethane	11.11	117	1524	0.202 ug/l	93
63) Ethyl Benzene	9.25	91	10362	0.234 ug/l	99
64) m/p-Xylenes	9.38	106	7407	0.426 ug/l	97
65) o-Xylene	9.78	106	3682	0.222 ug/l	98
66) Styrene	9.80	104	5753	0.205 ug/l	98
69) Isopropylbenzene	10.17	105	9699	0.217 ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.46	83	1898	0.220 ug/l #	84
71) 1,2,3-Trichloropropane	10.50	75	1496	0.222 ug/l #	88
72) Bromobenzene	10.46	156	2484	0.214 ug/l	92
74) 2-Chlorotoluene	10.67	126	2229	0.201 ug/l	95
76) 4-Chlorotoluene	10.78	126	2372	0.203 ug/l	89
77) tert-Butylbenzene	11.10	119	8197	0.213 ug/l	97
80) Nitrobenzene	12.87	77	262	0.998 ug/l #	40
82) 1,3-Dichlorobenzene	11.42	146	5663	0.237 ug/l	99
83) 1,4-Dichlorobenzene	11.52	146	5734	0.246 ug/l	97
84) n-Butylbenzene	11.89	91	8390	0.208 ug/l	91
85) 1,2-Dichlorobenzene	11.89	146	5228	0.240 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	381	0.268 ug/l #	66
87) 1,2,4-Trichlorobenzene	13.51	180	3942	0.260 ug/l	98
88) Hexachlorobutadiene	13.70	225	1921	0.206 ug/l	92
89) Naphthalene	13.75	128	5343	0.217 ug/l	99

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

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