Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029838.D
Acq On : 06 Mar 2019 14:15
Operator : JC/SP
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
3/11/2019 4:49:33 PM

Quant Time: Mar 08 22:22:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	62136	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	18831	0.84	ug/l		0.00
Spiked Amount 1.000			Recovery = 84.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	23132	0.89	ug/l		0.00
Spiked Amount 1.000			Recovery = 89.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	4877	0.235	ug/l		100
3) Chloromethane	1.32	50	5253	0.284	ug/l		93
4) Vinyl Chloride	1.40	62	5433	0.261	ug/l		91
5) Bromomethane	1.63	94	4374	0.308	ug/l		92
6) Chloroethane	1.70	64	2905	0.233	ug/l	#	88
7) Trichlorofluoromethane	1.88	101	6684	0.236	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4239	0.257	ug/l		96
9) 1,1-Dichloroethene	2.28	96	4226	0.261	ug/l		87
10) Iodomethane	2.41	142	3913	0.786	ug/l		99
11) Allyl Chloride	2.59	41	5515	0.243	ug/l		97
12) Acrylonitrile	2.94	53	2206	0.626	ug/l	#	84
13) Acetone	2.32	43	4525	1.550	ug/l		99
14) Carbon Disulfide	2.47	76	14720	0.281	ug/l		97
15) Methylene Chloride	2.70	84	7234	0.373	ug/l		93
16) trans-1,2-Dichloroethene	2.98	96	4975	0.272	ug/l		95
17) 1,1-Dichloroethane	3.44	63	8245	0.270	ug/l		98
18) 2-Butanone	4.29	43	4220	1.064	ug/l		97
19) Cyclohexane	4.99	56	5619m	0.237	ug/l		
20) Methylcyclohexane	6.41	83	6332	0.229	ug/l		96
21) 2,2-Dichloropropane	4.21	77	6667	0.267	ug/l		96
22) cis-1,2-Dichloroethene	4.22	96	4789	0.247	ug/l		93
23) Diethyl Ether	2.10	59	3020	0.249	ug/l	#	76
24) tert-Butyl Alcohol	2.84	59	4600	3.680	ug/l	#	83
25) Methyl tert-Butyl Ether	3.00	73	10657	0.262	ug/l	#	91
26) Bromochloromethane	4.54	128	2134	0.248	ug/l		95
27) Chloroform	4.67	83	7878	0.255	ug/l		87
28) 1,1,1-Trichloroethane	4.91	97	6006	0.229	ug/l		88
29) 1,1-Dichloropropene	5.13	75	5815	0.249	ug/l	#	86
30) Carbon Tetrachloride	5.12	117	5280m	0.231	ug/l		
31) Isopropyl Ether	3.57	45	10646	0.253	ug/l		93
32) Ethyl-t-butyl ether	4.07	59	10419	0.254	ug/l		97
33) Tert-Amyl methyl ether	5.58	73	9754	0.258	ug/l		95
34) Propionitrile	4.35	54	1177m	0.998	ug/l		
35) Benzene	5.38	78	16848	0.245	ug/l		97
36) 1,2-Dichloroethane	5.41	62	4299	0.229	ug/l		95
37) Trichloroethene	6.18	130	5280	0.263	ug/l		85
38) 1,2-Dichloropropane	6.43	63	3831	0.220	ug/l		98
39) Methacrylonitrile	4.56	41	1366m	0.275	ug/l		
41) Tetrahydrofuran	4.66	42	1371	0.528	ug/l	#	82
42) 1-Chlorobutane	5.06	56	7601	0.255	ug/l		92
43) Dibromomethane	6.56	93	2263	0.251	ug/l		92

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL01

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Quant Time: Mar 08 22:22:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
44) Bromodichloromethane	6.75	83	4622	0.209 ug/l	#	89
45) 4-Methyl-2-Pentanone	7.47	43	10943	1.165 ug/l		92
46) t-1,4-Dichloro-2-butene	10.52	75	1349m	0.343 ug/l		
47) Methyl methacrylate	6.63	69	3152	0.408 ug/l		95
49) Toluene	7.64	92	9569	0.227 ug/l		99
50) t-1,3-Dichloropropene	7.89	75	4215	0.217 ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	5227	0.218 ug/l		92
52) 1,1,2-Trichloroethane	8.07	97	3166	0.237 ug/l		95
53) 1,3-Dichloropropane	8.24	76	4989	0.228 ug/l	#	85
54) 2-Hexanone	8.37	43	6936	1.063 ug/l		95
56) 1,2-Dibromoethane	8.59	107	3111	0.246 ug/l		93
58) Tetrachloroethene	8.22	164	5169	0.252 ug/l		92
59) Chlorobenzene	9.12	112	12064	0.249 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	3882	0.223 ug/l		92
61) Pentachloroethane	11.10	117	2682	0.222 ug/l		92
62) Hexachloroethane	12.14	117	2763	0.217 ug/l		95
63) Ethyl Benzene	9.25	91	17050	0.215 ug/l		100
64) m/p-Xylenes	9.37	106	13981	0.446 ug/l		99
65) o-Xylene	9.78	106	6600	0.219 ug/l		95
66) Styrene	9.79	104	10345	0.207 ug/l		99
67) Bromoform	9.95	173	2089	0.225 ug/l	#	94
69) Isopropylbenzene	10.16	105	16667	0.209 ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	4061	0.250 ug/l	#	91
71) 1,2,3-Trichloropropane	10.49	75	2656m	0.220 ug/l		
72) Bromobenzene	10.46	156	5257	0.249 ug/l		96
73) n-propylbenzene	10.58	120	4572	0.203 ug/l		99
74) 2-Chlorotoluene	10.66	126	4806	0.241 ug/l		83
75) 1,3,5-Trimethylbenzene	10.77	105	13878	0.206 ug/l		100
76) 4-Chlorotoluene	10.77	126	4168	0.205 ug/l		96
77) tert-Butylbenzene	11.10	119	13930	0.209 ug/l		97
78) 1,2,4-Trimethylbenzene	11.15	105	13789	0.203 ug/l		94
79) sec-Butylbenzene	11.32	105	17890	0.203 ug/l		97
82) 1,3-Dichlorobenzene	11.41	146	9890	0.236 ug/l		96
83) 1,4-Dichlorobenzene	11.51	146	9378	0.229 ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	9547	0.242 ug/l		97
87) 1,2,4-Trichlorobenzene	13.51	180	5381	0.213 ug/l	#	88
88) Hexachlorobutadiene	13.69	225	3388	0.213 ug/l		97
89) Naphthalene	13.75	128	7724	0.609 ug/l	#	91
90) 1,2,3-Trichlorobenzene	13.99	180	5533	0.233 ug/l		97

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

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