Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033203.D
Acq On : 11 Jul 2019 21:52
Operator : JC/SP
Sample : K3591-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/16/2019 4:02:23 PM

Quant Time: Jul 12 05:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:48:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.72	96	28139	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.29	95	9710	0.91	ug/l		0.00
Spiked Amount 1.000			Recovery = 91.00%				
68) 1,2-Dichlorobenzene-d4	11.85	152	10679	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	2972	0.270	ug/l		94
3) Chloromethane	1.32	50	3714	0.289	ug/l		99
4) Vinyl Chloride	1.40	62	3663	0.277	ug/l	#	86
5) Bromomethane	1.62	94	3009	0.364	ug/l		94
6) Chloroethane	1.69	64	2410	0.297	ug/l		94
7) Trichlorofluoromethane	1.88	101	5159	0.288	ug/l		87
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2785	0.303	ug/l		98
9) 1,1-Dichloroethene	2.27	96	2986	0.322	ug/l		83
10) Iodomethane	2.40	142	2335	0.238	ug/l		95
11) Allyl Chloride	2.58	41	4761	0.307	ug/l		92
12) Acrylonitrile	2.92	53	1867	0.726	ug/l	#	92
13) Acetone	2.31	43	3623	1.572	ug/l		98
14) Carbon Disulfide	2.46	76	10536	0.311	ug/l		98
15) Methylene Chloride	2.68	84	5820	0.469	ug/l		96
16) trans-1,2-Dichloroethene	2.96	96	3136	0.295	ug/l		94
17) 1,1-Dichloroethane	3.42	63	4550	0.295	ug/l		97
18) 2-Butanone	4.27	43	2287	0.993	ug/l		89
19) Cyclohexane	4.97	56	3123m	0.265	ug/l		
20) Methylcyclohexane	6.39	83	2698	0.218	ug/l	#	86
21) 2,2-Dichloropropane	4.20	77	3432	0.265	ug/l	#	71
22) cis-1,2-Dichloroethene	4.20	96	2566	0.291	ug/l		92
23) Diethyl Ether	2.09	59	2199	0.272	ug/l	#	78
24) tert-Butyl Alcohol	2.82	59	3097	3.140	ug/l		97
25) Methyl tert-Butyl Ether	2.98	73	7470	0.276	ug/l		93
26) Bromochloromethane	4.53	128	1016	0.260	ug/l		89
27) Chloroform	4.65	83	6252	0.367	ug/l		92
28) 1,1,1-Trichloroethane	4.89	97	3870	0.287	ug/l		97
29) 1,1-Dichloropropene	5.11	75	2940	0.258	ug/l		98
30) Carbon Tetrachloride	5.11	117	3239	0.272	ug/l		98
31) Isopropyl Ether	3.56	45	5846	0.282	ug/l		99
32) Ethyl-t-butyl ether	4.04	59	5544	0.274	ug/l		97
33) Tert-Amyl methyl ether	5.57	73	4589	0.246	ug/l		99
34) Propionitrile	4.33	54	509m	0.780	ug/l		
35) Benzene	5.37	78	9418	0.284	ug/l		95
36) 1,2-Dichloroethane	5.38	62	2552	0.238	ug/l	#	84
37) Trichloroethene	6.17	130	2546	0.294	ug/l		83
38) 1,2-Dichloropropane	6.41	63	2539	0.283	ug/l		93
41) Tetrahydrofuran	4.63	42	828m	0.584	ug/l		
42) 1-Chlorobutane	5.04	56	4127	0.267	ug/l		91
43) Dibromomethane	6.55	93	1334	0.278	ug/l	#	84
44) Bromodichloromethane	6.74	83	3536	0.299	ug/l	#	98

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Quant Time: Jul 12 05:54:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.45	43	6310	1.168 ug/l		93
46) t-1,4-Dichloro-2-butene	10.51	75	793m	0.345 ug/l		
47) Methyl methacrylate	6.62	69	1662	0.428 ug/l		65
48) Ethyl methacrylate	8.01	69	1718	0.235 ug/l		89
49) Toluene	7.62	92	4421	0.226 ug/l		88
50) t-1,3-Dichloropropene	7.87	75	2465	0.235 ug/l		96
51) cis-1,3-Dichloropropene	7.25	75	2892	0.239 ug/l		94
52) 1,1,2-Trichloroethane	8.05	97	1612	0.242 ug/l	#	87
53) 1,3-Dichloropropane	8.23	76	2886	0.256 ug/l		98
54) 2-Hexanone	8.36	43	4500	1.192 ug/l		89
55) Dibromochloromethane	8.46	129	2022	0.262 ug/l		96
56) 1,2-Dibromoethane	8.57	107	1535	0.249 ug/l		99
58) Tetrachloroethene	8.21	164	2247	0.284 ug/l		96
59) Chlorobenzene	9.11	112	5763	0.262 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.19	131	2130	0.263 ug/l		99
61) Pentachloroethane	11.08	117	1761	0.276 ug/l		87
62) Hexachloroethane	12.13	117	1535	0.248 ug/l		96
63) Ethyl Benzene	9.23	91	8703	0.242 ug/l		95
64) m/p-Xylenes	9.36	106	6501	0.463 ug/l		92
65) o-Xylene	9.76	106	2891	0.212 ug/l		96
67) Bromoform	9.95	173	1083	0.247 ug/l	#	80
69) Isopropylbenzene	10.15	105	7976	0.225 ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.44	83	2318	0.256 ug/l	#	98
71) 1,2,3-Trichloropropane	10.48	75	1631m	0.240 ug/l		
72) Bromobenzene	10.44	156	2572	0.279 ug/l		86
74) 2-Chlorotoluene	10.65	126	1910	0.210 ug/l		76
75) 1,3,5-Trimethylbenzene	10.76	105	6736	0.219 ug/l		100
76) 4-Chlorotoluene	10.76	126	2118	0.229 ug/l		99
77) tert-Butylbenzene	11.09	119	6702	0.226 ug/l		94
78) 1,2,4-Trimethylbenzene	11.13	105	6946	0.221 ug/l		91
79) sec-Butylbenzene	11.31	105	8528	0.210 ug/l		98
82) 1,3-Dichlorobenzene	11.40	146	4801	0.253 ug/l		97
83) 1,4-Dichlorobenzene	11.49	146	4973	0.260 ug/l		97
84) n-Butylbenzene	11.87	91	7398	0.225 ug/l		94
85) 1,2-Dichlorobenzene	11.86	146	4695	0.258 ug/l		95
86) 1,2-Dibromo-3-Chloropropan	12.64	75	450	0.313 ug/l	#	58
87) 1,2,4-Trichlorobenzene	13.49	180	2712	0.242 ug/l		99
88) Hexachlorobutadiene	13.68	225	1930	0.298 ug/l		95
89) Naphthalene	13.74	128	4571	0.224 ug/l	#	96
90) 1,2,3-Trichlorobenzene	13.98	180	2570	0.240 ug/l		96

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

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