Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030819\
Data File : VU029847.D
Acq On : 07 Mar 2019 11:17
Operator : JC/SP
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 08 22:25:39 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

Instrument : MSVOA_U
ClientSampleId : MDL04

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	60044	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19363	0.90	ug/l		0.00
Spiked Amount 1.000			Recovery = 90.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	22438	0.90	ug/l		0.00
Spiked Amount 1.000			Recovery = 90.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	4891	0.243	ug/l		96
3) Chloromethane	1.33	50	4690	0.262	ug/l		97
4) Vinyl Chloride	1.40	62	5169	0.257	ug/l		98
5) Bromomethane	1.63	94	3885	0.283	ug/l		96
6) Chloroethane	1.70	64	3126	0.259	ug/l		99
7) Trichlorofluoromethane	1.88	101	6794	0.248	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4073	0.255	ug/l		97
9) 1,1-Dichloroethene	2.28	96	3601	0.231	ug/l		81
10) Iodomethane	2.41	142	2931	0.740	ug/l		94
11) Allyl Chloride	2.59	41	5698	0.260	ug/l		94
12) Acrylonitrile	2.93	53	1928	0.566	ug/l	#	95
13) Acetone	2.32	43	4316	1.530	ug/l	#	86
14) Carbon Disulfide	2.47	76	12169	0.241	ug/l		96
15) Methylene Chloride	2.69	84	6864	0.366	ug/l		97
16) trans-1,2-Dichloroethene	2.97	96	4531	0.257	ug/l	#	80
17) 1,1-Dichloroethane	3.44	63	7014	0.238	ug/l		98
18) 2-Butanone	4.29	43	4493	1.172	ug/l		98
19) Cyclohexane	4.98	56	5150m	0.225	ug/l		
20) Methylcyclohexane	6.41	83	5758m	0.216	ug/l		
21) 2,2-Dichloropropane	4.22	77	6110	0.253	ug/l	#	87
22) cis-1,2-Dichloroethene	4.22	96	4359	0.233	ug/l		90
23) Diethyl Ether	2.10	59	2882	0.246	ug/l	#	91
24) tert-Butyl Alcohol	2.84	59	3925	3.250	ug/l	#	85
25) Methyl tert-Butyl Ether	3.00	73	9570	0.243	ug/l		95
26) Bromochloromethane	4.55	128	2071	0.249	ug/l		88
27) Chloroform	4.67	83	7111	0.238	ug/l		84
28) 1,1,1-Trichloroethane	4.91	97	5690m	0.225	ug/l		
29) 1,1-Dichloropropene	5.13	75	5144	0.228	ug/l		95
30) Carbon Tetrachloride	5.13	117	4709	0.213	ug/l		100
31) Isopropyl Ether	3.57	45	9758	0.240	ug/l		97
32) Ethyl-t-butyl ether	4.07	59	9504	0.240	ug/l		100
33) Tert-Amyl methyl ether	5.58	73	8301	0.227	ug/l	#	93
34) Propionitrile	4.35	54	826m	0.724	ug/l		
35) Benzene	5.39	78	16137	0.243	ug/l		99
36) 1,2-Dichloroethane	5.41	62	4229	0.233	ug/l		95
37) Trichloroethene	6.19	130	4409	0.228	ug/l		100
38) 1,2-Dichloropropane	6.43	63	3697	0.220	ug/l	#	82
40) Methyl acrylate	4.44	55	1618m	0.213	ug/l		
41) Tetrahydrofuran	4.66	42	1151	0.459	ug/l	#	53
42) 1-Chlorobutane	5.06	56	7138	0.248	ug/l		92
43) Dibromomethane	6.56	93	2062	0.237	ug/l		94

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Quant Time: Mar 08 22:25:39 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	6.76	83	4714	0.221 ug/l #	96
45) 4-Methyl-2-Pentanone	7.47	43	9146	1.008 ug/l	99
46) t-1,4-Dichloro-2-butene	10.51	75	1270m	0.335 ug/l	
47) Methyl methacrylate	6.63	69	3001	0.402 ug/l	94
49) Toluene	7.64	92	8482	0.208 ug/l	98
50) t-1,3-Dichloropropene	7.88	75	3812	0.203 ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	4929	0.213 ug/l	91
52) 1,1,2-Trichloroethane	8.07	97	2948	0.229 ug/l	90
53) 1,3-Dichloropropane	8.24	76	4839	0.229 ug/l	91
54) 2-Hexanone	8.38	43	5506	0.873 ug/l	93
55) Dibromochloromethane	8.47	129	3229	0.211 ug/l	98
56) 1,2-Dibromoethane	8.58	107	2670	0.219 ug/l	99
58) Tetrachloroethene	8.22	164	4970	0.251 ug/l	92
59) Chlorobenzene	9.12	112	10292	0.220 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	3846	0.229 ug/l	99
61) Pentachloroethane	11.10	117	2346	0.201 ug/l	96
63) Ethyl Benzene	9.25	91	15448	0.201 ug/l	100
64) m/p-Xylenes	9.38	106	11768	0.388 ug/l	99
65) o-Xylene	9.78	106	5987	0.206 ug/l	100
69) Isopropylbenzene	10.16	105	15808	0.205 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	3488	0.222 ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	2490m	0.213 ug/l	
72) Bromobenzene	10.45	156	4481	0.219 ug/l	98
82) 1,3-Dichlorobenzene	11.42	146	8886	0.219 ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	8624	0.218 ug/l	93
85) 1,2-Dichlorobenzene	11.88	146	8531	0.223 ug/l	98
88) Hexachlorobutadiene	13.69	225	3369	0.219 ug/l	98
89) Naphthalene	13.76	128	4981	0.558 ug/l #	86

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

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