Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031514.D
Acq On : 26 Apr 2019 00:17
Operator : JC/SP
Sample : K2241-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
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4/26/2019 12:22:58 PM

Quant Time: Apr 26 11:59:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 11:53:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	66011m	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	17849	0.77	ug/l		0.00
Spiked Amount 1.000			Recovery = 77.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	18643	0.87	ug/l		0.00
Spiked Amount 1.000			Recovery = 87.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	8465	0.284	ug/l		91
3) Chloromethane	1.32	50	10446	0.294	ug/l		93
4) Vinyl Chloride	1.40	62	8697	0.257	ug/l	#	67
5) Bromomethane	1.63	94	5644	0.344	ug/l		86
6) Chloroethane	1.70	64	5311	0.284	ug/l	#	74
7) Trichlorofluoromethane	1.88	101	9792	0.254	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5395	0.284	ug/l		91
9) 1,1-Dichloroethene	2.28	96	4826	0.255	ug/l		90
11) Allyl Chloride	2.59	41	10886	0.263	ug/l		94
12) Acrylonitrile	2.94	53	3563	0.622	ug/l	#	79
13) Acetone	2.33	43	9915	1.900	ug/l		100
14) Carbon Disulfide	2.48	76	20220	0.279	ug/l	#	94
15) Methylene Chloride	2.70	84	9064	0.378	ug/l		90
16) trans-1,2-Dichloroethene	2.98	96	6132	0.290	ug/l		93
17) 1,1-Dichloroethane	3.44	63	12352	0.280	ug/l	#	92
18) 2-Butanone	4.30	43	8463m	1.241	ug/l		
19) Cyclohexane	4.99	56	7852m	0.231	ug/l		
20) Methylcyclohexane	6.41	83	6165	0.226	ug/l		99
21) 2,2-Dichloropropane	4.22	77	7531	0.234	ug/l	#	85
22) cis-1,2-Dichloroethene	4.22	96	5319	0.235	ug/l		64
23) Diethyl Ether	2.10	59	4373	0.241	ug/l	#	76
24) tert-Butyl Alcohol	2.84	59	5503	2.929	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	14725	0.268	ug/l	#	79
26) Bromochloromethane	4.55	128	2663	0.279	ug/l		93
27) Chloroform	4.67	83	11785	0.288	ug/l		93
28) 1,1,1-Trichloroethane	4.91	97	8681	0.252	ug/l		98
29) 1,1-Dichloropropene	5.13	75	6663	0.239	ug/l		99
30) Carbon Tetrachloride	5.13	117	7913m	0.270	ug/l		
31) Isopropyl Ether	3.57	45	16803	0.254	ug/l		91
32) Ethyl-t-butyl ether	4.07	59	12990	0.242	ug/l	#	80
33) Tert-Amyl methyl ether	5.58	73	10296	0.242	ug/l	#	91
34) Propionitrile	4.37	54	1757	0.961	ug/l	#	56
35) Benzene	5.39	78	20824	0.244	ug/l	#	88
36) 1,2-Dichloroethane	5.40	62	6979m	0.251	ug/l		
37) Trichloroethene	6.18	130	6034	0.289	ug/l		99
38) 1,2-Dichloropropane	6.44	63	5748	0.239	ug/l		99
41) Tetrahydrofuran	4.67	42	2616	0.622	ug/l	#	61
42) 1-Chlorobutane	5.06	56	9610	0.227	ug/l		92
43) Dibromomethane	6.56	93	3160	0.267	ug/l		89
44) Bromodichloromethane	6.76	83	7295	0.248	ug/l	#	88
45) 4-Methyl-2-Pentanone	7.47	43	15119	1.067	ug/l		97

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
46) t-1,4-Dichloro-2-butene	10.53	75	1178m	0.271 ug/l		
47) Methyl methacrylate	6.65	69	2702	0.295 ug/l		72
48) Ethyl methacrylate	8.04	69	3225m	0.203 ug/l		
49) Toluene	7.65	92	9450	0.213 ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	6144	0.218 ug/l	#	92
52) 1,1,2-Trichloroethane	8.07	97	3844	0.249 ug/l		92
53) 1,3-Dichloropropane	8.25	76	5729	0.211 ug/l		94
54) 2-Hexanone	8.38	43	7826m	0.819 ug/l		
55) Dibromochloromethane	8.48	129	4341	0.249 ug/l		97
56) 1,2-Dibromoethane	8.59	107	3089	0.223 ug/l		94
58) Tetrachloroethene	8.22	164	5096	0.253 ug/l		92
59) Chlorobenzene	9.12	112	10376	0.223 ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	4688	0.258 ug/l		92
61) Pentachloroethane	11.10	117	2913	0.227 ug/l		95
62) Hexachloroethane	12.14	117	3033	0.240 ug/l		89
64) m/p-Xylenes	9.38	106	9329	0.327 ug/l		99
67) Bromoform	9.96	173	2162	0.222 ug/l	#	37
70) 1,1,2,2-Tetrachloroethane	10.46	83	5096	0.256 ug/l		92
71) 1,2,3-Trichloropropane	10.49	75	3604m	0.249 ug/l		
72) Bromobenzene	10.46	156	3962	0.215 ug/l		96
73) n-propylbenzene	10.59	120	3799	0.202 ug/l		93
82) 1,3-Dichlorobenzene	11.42	146	7876m	0.217 ug/l		
85) 1,2-Dichlorobenzene	11.88	146	7766	0.225 ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	741	0.259 ug/l	#	67
87) 1,2,4-Trichlorobenzene	13.52	180	3570m	0.204 ug/l		
88) Hexachlorobutadiene	13.69	225	3239	0.255 ug/l		96
89) Naphthalene	13.76	128	6311m	0.211 ug/l		
90) 1,2,3-Trichlorobenzene	14.00	180	4343m	0.242 ug/l		

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

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