Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030012.D
Acq On : 12 Mar 2019 17:40
Operator : JC/SP
Sample : VU0314WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0314WBSD01

Manual Integrations APPROVED

Quant Time: Mar 13 06:50:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	59289	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	20919	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	24420	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	41507	1.909	ug/l	98
3) Chloromethane	1.33	50	46962	1.904	ug/l	97
4) Vinyl Chloride	1.40	62	40844	1.932	ug/l	100
5) Bromomethane	1.63	94	23966	1.983	ug/l	97
6) Chloroethane	1.70	64	23979	1.964	ug/l	96
7) Trichlorofluoromethane	1.88	101	54442	1.985	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	28121	1.885	ug/l	97
9) 1,1-Dichloroethene	2.28	96	29327	1.982	ug/l	95
10) Iodomethane	2.41	142	20781	1.621	ug/l	97
11) Allyl Chloride	2.59	41	39921	1.908	ug/l	98
12) Acrylonitrile	2.93	53	13876	4.331	ug/l	95
13) Acetone	2.32	43	25235	9.047	ug/l	94
14) Carbon Disulfide	2.48	76	94068	1.825	ug/l	99
15) Methylene Chloride	2.70	84	35485	2.015	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	32977	1.930	ug/l	96
17) 1,1-Dichloroethane	3.44	63	56253	1.948	ug/l	98
18) 2-Butanone	4.28	43	35812	9.274	ug/l	99
19) Cyclohexane	4.98	56	45741m	1.849	ug/l	
20) Methylcyclohexane	6.41	83	49620	1.817	ug/l	96
21) 2,2-Dichloropropane	4.22	77	44036	1.813	ug/l	97
22) cis-1,2-Dichloroethene	4.22	96	37307	1.964	ug/l	96
23) Diethyl Ether	2.10	59	21946	1.986	ug/l	98
24) tert-Butyl Alcohol	2.83	59	24596	20.793	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	74439	1.993	ug/l	96
26) Bromochloromethane	4.55	128	16067	1.934	ug/l	97
27) Chloroform	4.67	83	57041	1.877	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	49688	1.988	ug/l	99
29) 1,1-Dichloropropene	5.13	75	42222	1.855	ug/l	99
30) Carbon Tetrachloride	5.13	117	41520	1.858	ug/l	98
31) Isopropyl Ether	3.57	45	76813	1.890	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	77135	1.970	ug/l	98
33) Tert-Amyl methyl ether	5.58	73	68667	1.916	ug/l	98
34) Propionitrile	4.33	54	10648	9.892	ug/l #	95
35) Benzene	5.39	78	128974	1.937	ug/l	100
36) 1,2-Dichloroethane	5.40	62	33796	1.898	ug/l	98
37) Trichloroethene	6.18	130	37426	1.951	ug/l	94
38) 1,2-Dichloropropane	6.43	63	32475	1.918	ug/l	100
39) Methacrylonitrile	4.55	41	9216	1.963	ug/l #	88
40) Methyl acrylate	4.43	55	12972	1.749	ug/l #	99
41) Tetrahydrofuran	4.65	42	8797	3.388	ug/l	96
42) 1-Chlorobutane	5.06	56	54968	1.844	ug/l	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0314WBSD01

Manual Integrations APPROVED

Quant Time: Mar 13 06:50:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	17305	1.976 ug/l		96
44) Bromodichloromethane	6.76	83	40409	1.934 ug/l		95
45) 4-Methyl-2-Pentanone	7.46	43	84080	9.717 ug/l		100
46) t-1,4-Dichloro-2-butene	10.51	75	13142m	4.177 ug/l		
47) Methyl methacrylate	6.63	69	27875	3.799 ug/l		97
48) Ethyl methacrylate	8.02	69	27492	1.987 ug/l		98
49) Toluene	7.63	92	77734	1.937 ug/l		98
50) t-1,3-Dichloropropene	7.88	75	35631	1.904 ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	43270	1.840 ug/l		99
52) 1,1,2-Trichloroethane	8.06	97	24552	1.983 ug/l		95
53) 1,3-Dichloropropane	8.24	76	40859	1.973 ug/l		99
54) 2-Hexanone	8.37	43	60705	9.737 ug/l		97
55) Dibromochloromethane	8.48	129	29235	1.963 ug/l		98
56) 1,2-Dibromoethane	8.58	107	23180	1.945 ug/l		97
58) Tetrachloroethene	8.22	164	33720	1.936 ug/l		99
59) Chlorobenzene	9.12	112	89716	1.957 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	31570	1.949 ug/l		98
61) Pentachloroethane	11.10	117	23890	1.911 ug/l		94
62) Hexachloroethane	12.14	117	23401	1.858 ug/l		95
63) Ethyl Benzene	9.25	91	142584	1.894 ug/l		99
64) m/p-Xylenes	9.37	106	113910	3.845 ug/l		100
65) o-Xylene	9.77	106	54088	1.861 ug/l		97
66) Styrene	9.79	104	91216	1.915 ug/l		99
67) Bromoform	9.96	173	15771	1.853 ug/l		99
69) Isopropylbenzene	10.16	105	145912	1.926 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.45	83	31078	2.037 ug/l		96
71) 1,2,3-Trichloropropane	10.49	75	21751m	1.896 ug/l		
72) Bromobenzene	10.45	156	39108	1.968 ug/l		98
73) n-propylbenzene	10.58	120	41381	1.925 ug/l		97
74) 2-Chlorotoluene	10.66	126	35806	1.902 ug/l		93
75) 1,3,5-Trimethylbenzene	10.77	105	124747	1.933 ug/l		99
76) 4-Chlorotoluene	10.77	126	36609	1.905 ug/l		97
77) tert-Butylbenzene	11.10	119	121674	1.926 ug/l		98
78) 1,2,4-Trimethylbenzene	11.14	105	126225	1.923 ug/l		99
79) sec-Butylbenzene	11.32	105	165324	1.953 ug/l		100
80) Nitrobenzene	12.88	77	1924	7.058 ug/l	#	96
81) p-Isopropyltoluene	11.47	119	136641	1.925 ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	78669	1.961 ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	77081	1.911 ug/l		98
84) n-Butylbenzene	11.89	91	122538	1.848 ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	74569	1.997 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	4209	1.915 ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	49202	1.826 ug/l		96
88) Hexachlorobutadiene	13.69	225	29684	2.032 ug/l		98
89) Naphthalene	13.74	128	77488	1.835 ug/l		98
90) 1,2,3-Trichlorobenzene	13.98	180	46012	1.884 ug/l		100

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

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