Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040219\
Data File : VU030608.D
Acq On : 02 Apr 2019 18:31
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Quant Time: Apr 03 19:05:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 02:39:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	31575	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	11867	1.06	ug/l		0.00
Spiked Amount 1.000			Recovery = 106.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	11480	1.07	ug/l		0.00
Spiked Amount 1.000			Recovery = 107.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	13838	1.083	ug/l		88
3) Chloromethane	1.33	50	18019	1.176	ug/l	#	87
4) Vinyl Chloride	1.40	62	16334	1.112	ug/l		93
5) Bromomethane	1.63	94	7978	1.161	ug/l		92
6) Chloroethane	1.70	64	10024	1.213	ug/l		98
7) Trichlorofluoromethane	1.88	101	18891	1.116	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	8685	1.022	ug/l		94
9) 1,1-Dichloroethene	2.28	96	9211	1.098	ug/l		97
10) Iodomethane	2.41	142	10109	0.935	ug/l		98
11) Allyl Chloride	2.59	41	21303	1.170	ug/l		100
12) Acrylonitrile	2.94	53	6486	2.356	ug/l		90
13) Acetone	2.32	43	15972	6.178	ug/l		94
14) Carbon Disulfide	2.47	76	33715	1.102	ug/l		97
15) Methylene Chloride	2.70	84	13527	1.183	ug/l		96
16) trans-1,2-Dichloroethene	2.98	96	9935	1.048	ug/l		95
17) 1,1-Dichloroethane	3.44	63	21596	1.101	ug/l		97
18) 2-Butanone	4.28	43	19455	5.715	ug/l		98
19) Cyclohexane	4.98	56	15040	0.931	ug/l		91
20) Methylcyclohexane	6.41	83	14607	1.082	ug/l		97
21) 2,2-Dichloropropane	4.22	77	17070	1.129	ug/l	#	79
22) cis-1,2-Dichloroethene	4.22	96	10786	1.078	ug/l		95
23) Diethyl Ether	2.10	59	9806	1.154	ug/l		99
24) tert-Butyl Alcohol	2.83	59	11652	11.521	ug/l		96
25) Methyl tert-Butyl Ether	3.00	73	29608	1.126	ug/l		95
26) Bromochloromethane	4.55	128	4772	1.114	ug/l		99
27) Chloroform	4.67	83	19918	1.083	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	16711	1.108	ug/l		98
29) 1,1-Dichloropropene	5.13	75	14386	1.087	ug/l		94
30) Carbon Tetrachloride	5.13	117	12787	0.975	ug/l		92
31) Isopropyl Ether	3.57	45	34469	1.064	ug/l		96
32) Ethyl-t-butyl ether	4.07	59	27968	1.075	ug/l		98
33) Tert-Amyl methyl ether	5.58	73	21304	0.999	ug/l		97
34) Propionitrile	4.34	54	3540	4.218	ug/l	#	77
35) Benzene	5.39	78	42649	1.096	ug/l		91
36) 1,2-Dichloroethane	5.40	62	13185	1.062	ug/l		100
37) Trichloroethene	6.19	130	9654	1.033	ug/l		95
38) 1,2-Dichloropropane	6.43	63	12180	1.086	ug/l		96
39) Methacrylonitrile	4.56	41	4521	1.082	ug/l	#	68
40) Methyl acrylate	4.44	55	5100	1.212	ug/l	#	87
41) Tetrahydrofuran	4.66	42	4871	2.159	ug/l		98
42) 1-Chlorobutane	5.06	56	20489	1.011	ug/l		98

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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : VSTDICC001

Quant Time: Apr 03 19:05:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 02:39:21 2019
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	5611	1.084 ug/l		99
44) Bromodichloromethane	6.76	83	15182	1.115 ug/l		97
45) 4-Methyl-2-Pentanone	7.47	43	39599	5.252 ug/l		95
46) t-1,4-Dichloro-2-butene	10.49	75	6341	2.465 ug/l	#	87
47) Methyl methacrylate	6.63	69	10112	2.128 ug/l		91
48) Ethyl methacrylate	8.03	69	8910	1.007 ug/l		97
49) Toluene	7.64	92	21022	0.993 ug/l		95
50) t-1,3-Dichloropropene	7.88	75	11057	0.946 ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	14942	1.059 ug/l	#	94
52) 1,1,2-Trichloroethane	8.07	97	8259	1.115 ug/l		96
53) 1,3-Dichloropropane	8.24	76	12757	0.978 ug/l		89
54) 2-Hexanone	8.37	43	27340	5.471 ug/l		90
55) Dibromochloromethane	8.47	129	9098	1.088 ug/l		92
56) 1,2-Dibromoethane	8.58	107	7551	1.132 ug/l		98
58) Tetrachloroethene	8.22	164	8605	1.046 ug/l		95
59) Chlorobenzene	9.12	112	24559	1.065 ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.21	131	9939	1.137 ug/l		98
61) Pentachloroethane	11.10	117	7964	1.188 ug/l		95
62) Hexachloroethane	12.14	117	6701	1.057 ug/l		94
63) Ethyl Benzene	9.25	91	38199	0.991 ug/l		99
64) m/p-Xylenes	9.37	106	27334	1.966 ug/l		94
65) o-Xylene	9.78	106	13168	0.967 ug/l		92
66) Styrene	9.79	104	21832	0.930 ug/l		98
67) Bromoform	9.96	173	5252	1.102 ug/l		92
69) Isopropylbenzene	10.16	105	38018	1.045 ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.46	83	10758	1.097 ug/l	#	94
71) 1,2,3-Trichloropropane	10.49	75	6341	0.856 ug/l	#	82
72) Bromobenzene	10.45	156	8856	0.976 ug/l		96
73) n-propylbenzene	10.58	120	8968	0.927 ug/l		87
74) 2-Chlorotoluene	10.66	126	9095	1.039 ug/l		92
75) 1,3,5-Trimethylbenzene	10.77	105	28103	0.914 ug/l		96
76) 4-Chlorotoluene	10.77	126	8473	0.944 ug/l		95
77) tert-Butylbenzene	11.10	119	29082	0.974 ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	29176	0.931 ug/l		98
79) sec-Butylbenzene	11.32	105	39965	0.981 ug/l		98
81) p-Isopropyltoluene	11.47	119	29554	0.927 ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	18589	1.035 ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	18476	1.042 ug/l		98
84) n-Butylbenzene	11.89	91	29690	0.918 ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	17622	1.033 ug/l		94
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1641	1.078 ug/l		88
87) 1,2,4-Trichlorobenzene	13.50	180	9976	0.985 ug/l		99
88) Hexachlorobutadiene	13.69	225	6089	1.009 ug/l		96
89) Naphthalene	13.74	128	17028	1.242 ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	9844	0.979 ug/l		95

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

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