Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040219\
Data File : VU030607.D
Acq On : 02 Apr 2019 18:04
Operator : JC/SP
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC0.5

Quant Time: Apr 03 19:05:10 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	43597	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	16412	1.06	ug/l		0.00
Spiked Amount 1.000			Recovery = 106.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	15018	1.01	ug/l		0.00
Spiked Amount 1.000			Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	7499	0.425	ug/l		90
3) Chloromethane	1.32	50	11138	0.527	ug/l		99
4) Vinyl Chloride	1.40	62	8969	0.442	ug/l	#	85
5) Bromomethane	1.63	94	4019	0.424	ug/l		100
6) Chloroethane	1.70	64	5497	0.482	ug/l		99
7) Trichlorofluoromethane	1.88	101	9442	0.404	ug/l		85
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4768	0.406	ug/l		96
9) 1,1-Dichloroethene	2.29	96	5544	0.479	ug/l		92
10) Iodomethane	2.41	142	4703	0.315	ug/l		95
11) Allyl Chloride	2.59	41	11751	0.467	ug/l		100
12) Acrylonitrile	2.93	53	3963	1.043	ug/l	#	92
13) Acetone	2.32	43	11507	3.224	ug/l		98
14) Carbon Disulfide	2.47	76	18276	0.433	ug/l		95
15) Methylene Chloride	2.69	84	9152	0.580	ug/l		95
16) trans-1,2-Dichloroethene	2.97	96	5831	0.446	ug/l		91
17) 1,1-Dichloroethane	3.44	63	11849	0.437	ug/l		97
18) 2-Butanone	4.29	43	9239	1.966	ug/l		96
19) Cyclohexane	4.99	56	7286	0.327	ug/l	#	82
20) Methylcyclohexane	6.41	83	7215	0.387	ug/l		97
21) 2,2-Dichloropropane	4.22	77	9085	0.435	ug/l		97
22) cis-1,2-Dichloroethene	4.22	96	6317	0.457	ug/l		95
23) Diethyl Ether	2.10	59	4896	0.417	ug/l		93
24) tert-Butyl Alcohol	2.83	59	6239	4.468	ug/l		95
25) Methyl tert-Butyl Ether	3.00	73	16433	0.453	ug/l		92
26) Bromochloromethane	4.55	128	2508	0.424	ug/l		95
27) Chloroform	4.67	83	10722	0.422	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	8917	0.428	ug/l		96
29) 1,1-Dichloropropene	5.13	75	7497	0.410	ug/l		97
30) Carbon Tetrachloride	5.13	117	7910	0.437	ug/l		92
31) Isopropyl Ether	3.58	45	19730	0.441	ug/l		97
32) Ethyl-t-butyl ether	4.07	59	16252	0.452	ug/l		100
33) Tert-Amyl methyl ether	5.58	73	12310	0.418	ug/l	#	95
34) Propionitrile	4.35	54	1773	1.530	ug/l	#	91
35) Benzene	5.39	78	23068	0.429	ug/l		95
36) 1,2-Dichloroethane	5.40	62	7527	0.439	ug/l		97
37) Trichloroethene	6.19	130	5306	0.411	ug/l		97
38) 1,2-Dichloropropane	6.43	63	6264	0.405	ug/l		90
39) Methacrylonitrile	4.56	41	2437	0.423	ug/l	#	73
40) Methyl acrylate	4.44	55	1375	0.582	ug/l	#	77
41) Tetrahydrofuran	4.66	42	2767	0.888	ug/l	#	77
42) 1-Chlorobutane	4.99	56	8324	0.297	ug/l		86

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC0.5

Quant Time: Apr 03 19:05:10 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	3010	0.421	ug/l		96
44) Bromodichloromethane	6.76	83	7781	0.414	ug/l		100
45) 4-Methyl-2-Pentanone	7.47	43	20098	1.931	ug/l		98
46) t-1,4-Dichloro-2-butene	10.49	75	3435	0.967	ug/l		92
47) Methyl methacrylate	6.63	69	5369	0.818	ug/l	#	95
48) Ethyl methacrylate	8.03	69	4457	0.365	ug/l		95
49) Toluene	7.64	92	10472	0.358	ug/l		92
50) t-1,3-Dichloropropene	7.89	75	6454	0.400	ug/l		91
51) cis-1,3-Dichloropropene	7.27	75	8151	0.418	ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	4158	0.406	ug/l		92
53) 1,3-Dichloropropane	8.24	76	7742	0.430	ug/l		90
54) 2-Hexanone	8.37	43	13096	1.898	ug/l		94
55) Dibromochloromethane	8.47	129	5217	0.452	ug/l		96
56) 1,2-Dibromoethane	8.59	107	3987	0.433	ug/l		93
58) Tetrachloroethene	8.23	164	4261	0.375	ug/l		94
59) Chlorobenzene	9.12	112	12699	0.399	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.20	131	5106	0.423	ug/l		96
61) Pentachloroethane	11.10	117	3605	0.390	ug/l		88
62) Hexachloroethane	12.14	117	3650	0.417	ug/l		97
63) Ethyl Benzene	9.25	91	19929	0.375	ug/l		98
64) m/p-Xylenes	9.37	106	14178	0.739	ug/l		97
65) o-Xylene	9.78	106	6656	0.354	ug/l		90
66) Styrene	9.79	104	11181	0.345	ug/l		99
67) Bromoform	9.96	173	2828	0.430	ug/l	#	91
69) Isopropylbenzene	10.16	105	18419	0.367	ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.46	83	5385	0.398	ug/l		94
71) 1,2,3-Trichloropropane	10.49	75	3435	0.336	ug/l	#	93
72) Bromobenzene	10.45	156	5005	0.399	ug/l		98
73) n-propylbenzene	10.58	120	4494	0.336	ug/l		94
74) 2-Chlorotoluene	10.66	126	4153	0.343	ug/l		89
75) 1,3,5-Trimethylbenzene	10.77	105	14710	0.346	ug/l		98
76) 4-Chlorotoluene	10.77	126	4368	0.352	ug/l		92
77) tert-Butylbenzene	11.10	119	14900	0.361	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	14234	0.329	ug/l		99
79) sec-Butylbenzene	11.32	105	19434	0.346	ug/l		94
80) Nitrobenzene	12.87	77	314	0.852	ug/l	#	52
81) p-Isopropyltoluene	11.47	119	14618	0.332	ug/l		98
82) 1,3-Dichlorobenzene	11.41	146	9546	0.385	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	10469	0.428	ug/l		96
84) n-Butylbenzene	11.89	91	13966	0.313	ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	9600	0.407	ug/l		96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	935	0.445	ug/l	#	83
87) 1,2,4-Trichlorobenzene	13.51	180	5753	0.411	ug/l		98
88) Hexachlorobutadiene	13.69	225	3181	0.382	ug/l		93
89) Naphthalene	13.75	128	10288	0.821	ug/l		97
90) 1,2,3-Trichlorobenzene	13.99	180	5478	0.394	ug/l		97

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

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