Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012919\
Data File : VU029306.D
Acq On : 29 Jan 2019 18:00
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

Manual Integrations APPROVED
MMDadoda
1/30/2019 12:49:38 PM

Quant Time: Jan 30 03:55:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 00:35:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	7877	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.30	95	2878	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery = 91.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	2907	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	18183m	4.577	ug/l	
3) Chloromethane	1.32	50	13900	3.985	ug/l	99
4) Vinyl Chloride	1.39	62	15184	4.480	ug/l	98
5) Bromomethane	1.62	94	8683	4.384	ug/l	100
6) Chloroethane	1.69	64	10580	4.490	ug/l	100
7) Trichlorofluoromethane	1.87	101	27467	4.820	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	11979	4.960	ug/l	99
9) 1,1-Dichloroethene	2.27	96	10992	4.831	ug/l	93
10) Iodomethane	2.40	142	10611	5.201	ug/l	100
11) Allyl Chloride	2.58	41	27369	4.793	ug/l	99
12) Acrylonitrile	2.93	53	6698	9.494	ug/l	98
13) Acetone	2.31	43	19365	24.146	ug/l	99
14) Carbon Disulfide	2.47	76	39406	4.700	ug/l	99
15) Methylene Chloride	2.69	84	13580	4.569	ug/l	95
16) trans-1,2-Dichloroethene	2.97	96	12196	4.753	ug/l	96
17) 1,1-Dichloroethane	3.43	63	25210	4.410	ug/l	100
18) 2-Butanone	4.27	43	21430	23.828	ug/l	99
19) Cyclohexane	4.98	56	16822	4.674	ug/l	98
20) Methylcyclohexane	6.40	83	18251	4.765	ug/l	99
21) 2,2-Dichloropropane	4.21	77	23955	4.856	ug/l	98
22) cis-1,2-Dichloroethene	4.21	96	12923	4.770	ug/l	99
23) Diethyl Ether	2.09	59	11322	4.910	ug/l	96
24) tert-Butyl Alcohol	2.83	59	13432	48.688	ug/l	99
25) Methyl tert-Butyl Ether	2.99	73	37672	4.870	ug/l	98
26) Bromochloromethane	4.53	128	5519	4.875	ug/l	98
27) Chloroform	4.66	83	26769	4.780	ug/l	97
28) 1,1,1-Trichloroethane	4.90	97	25054	4.916	ug/l	97
29) 1,1-Dichloropropene	5.12	75	19102	4.948	ug/l	98
30) Carbon Tetrachloride	5.12	117	21498	4.890	ug/l	100
31) Isopropyl Ether	3.57	45	38507	4.243	ug/l	99
32) Ethyl-t-butyl ether	4.06	59	34775	4.593	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	29785	4.668	ug/l	99
34) Propionitrile	4.32	54	5597	24.947	ug/l #	87
35) Benzene	5.38	78	50186	4.766	ug/l	99
36) 1,2-Dichloroethane	5.40	62	21228	4.832	ug/l	99
37) Trichloroethene	6.18	130	12718	4.980	ug/l	96
38) 1,2-Dichloropropane	6.43	63	14205	4.879	ug/l	98
39) Methacrylonitrile	4.54	41	5133	4.808	ug/l	95
40) Methyl acrylate	4.42	55	7379	4.953	ug/l	97
41) Tetrahydrofuran	4.65	42	4833	9.142	ug/l	97
42) 1-Chlorobutane	5.05	56	28187	4.695	ug/l	95

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

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Quant Time: Jan 30 03:55:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 00:35:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.55	93	7120	4.820	ug/l		91
44) Bromodichloromethane	6.75	83	20078	4.773	ug/l		97
45) 4-Methyl-2-Pentanone	7.46	43	49672	24.023	ug/l		96
46) t-1,4-Dichloro-2-butene	10.50	75	7120m	9.897	ug/l		
47) Methyl methacrylate	6.62	69	12579	10.022	ug/l		96
48) Ethyl methacrylate	8.02	69	11441	4.778	ug/l		99
49) Toluene	7.63	92	30253	4.981	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	17617	4.892	ug/l		94
51) cis-1,3-Dichloropropene	7.26	75	18955	4.695	ug/l		96
52) 1,1,2-Trichloroethane	8.06	97	9229	4.790	ug/l		98
53) 1,3-Dichloropropane	8.24	76	17190	4.786	ug/l		99
54) 2-Hexanone	8.36	43	34088	23.926	ug/l		99
55) Dibromochloromethane	8.47	129	12107	4.865	ug/l		99
56) 1,2-Dibromoethane	8.58	107	8618	4.961	ug/l		97
58) Tetrachloroethene	8.22	164	12048	4.935	ug/l		98
59) Chlorobenzene	9.12	112	31954	4.940	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	13169	4.913	ug/l		98
61) Pentachloroethane	11.10	117	9963	4.899	ug/l		97
62) Hexachloroethane	12.14	117	9659	4.686	ug/l		100
63) Ethyl Benzene	9.25	91	57103	4.978	ug/l		99
64) m/p-Xylenes	9.37	106	44947	10.371	ug/l		95
65) o-Xylene	9.78	106	20774	5.023	ug/l		99
66) Styrene	9.79	104	37201	5.185	ug/l		99
67) Bromoform	9.95	173	6920	4.852	ug/l		99
69) Isopropylbenzene	10.16	105	56860	5.013	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	12181	4.828	ug/l		100
71) 1,2,3-Trichloropropane	10.49	75	9459m	4.662	ug/l		
72) Bromobenzene	10.45	156	14103	5.178	ug/l		98
73) n-propylbenzene	10.58	120	15664	5.265	ug/l		99
74) 2-Chlorotoluene	10.66	126	13811	5.110	ug/l		97
75) 1,3,5-Trimethylbenzene	10.77	105	52065	5.195	ug/l		99
76) 4-Chlorotoluene	10.77	126	14507	5.348	ug/l		98
77) tert-Butylbenzene	11.10	119	48764	5.095	ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	52169	5.058	ug/l		98
79) sec-Butylbenzene	11.32	105	64454	5.021	ug/l		100
80) Nitrobenzene	12.86	77	2559	27.920	ug/l	#	98
81) p-Isopropyltoluene	11.47	119	55513	5.183	ug/l		100
82) 1,3-Dichlorobenzene	11.41	146	28799	5.050	ug/l		98
83) 1,4-Dichlorobenzene	11.50	146	28641	5.064	ug/l		99
84) n-Butylbenzene	11.89	91	52877	5.071	ug/l		100
85) 1,2-Dichlorobenzene	11.88	146	26350	5.016	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	2298	4.753	ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	18131	5.202	ug/l		99
88) Hexachlorobutadiene	13.69	225	11519	5.146	ug/l		99
89) Naphthalene	13.74	128	28421	4.982	ug/l		98
90) 1,2,3-Trichlorobenzene	13.98	180	16759	5.144	ug/l		98

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

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