Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020719\
Data File : VU029368.D
Acq On : 07 Feb 2019 13:17
Operator : JC/SP
Sample : VU0207WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0207WBS01

Manual Integrations APPROVED

Quant Time: Feb 08 13:05:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	58838	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	22644	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	24323	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	40460	1.843	ug/l		99
3) Chloromethane	1.33	50	34982	1.743	ug/l		99
4) Vinyl Chloride	1.40	62	42478	1.806	ug/l		100
5) Bromomethane	1.63	94	28660	2.190	ug/l		96
6) Chloroethane	1.70	64	25867	1.882	ug/l		98
7) Trichlorofluoromethane	1.88	101	64263	1.956	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	34261	1.975	ug/l		89
9) 1,1-Dichloroethene	2.28	96	32150	1.894	ug/l		74
10) Iodomethane	2.41	142	39419	1.805	ug/l	#	79
11) Allyl Chloride	2.59	41	50052	1.758	ug/l		93
12) Acrylonitrile	2.94	53	14715	3.868	ug/l		92
13) Acetone	2.32	43	34392	9.380	ug/l	#	83
14) Carbon Disulfide	2.48	76	114389	1.909	ug/l		99
15) Methylene Chloride	2.70	84	41298	2.007	ug/l	#	76
16) trans-1,2-Dichloroethene	2.98	96	37451	1.973	ug/l	#	80
17) 1,1-Dichloroethane	3.44	63	66786	2.220	ug/l		99
18) 2-Butanone	4.28	43	34341	8.380	ug/l		97
19) Cyclohexane	4.99	56	47152m	1.691	ug/l		
20) Methylcyclohexane	6.41	83	56438	1.927	ug/l	#	83
21) 2,2-Dichloropropane	4.22	77	54231	1.948	ug/l	#	91
22) cis-1,2-Dichloroethene	4.22	96	35093	1.963	ug/l		77
23) Diethyl Ether	2.10	59	26181	1.921	ug/l		88
24) tert-Butyl Alcohol	2.83	59	27877	19.681	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	91780	1.920	ug/l	#	84
26) Bromochloromethane	4.54	128	16177	2.048	ug/l		69
27) Chloroform	4.67	83	56733	1.940	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	52026	1.919	ug/l		96
29) 1,1-Dichloropropene	5.13	75	42648	1.812	ug/l		88
30) Carbon Tetrachloride	5.13	117	48026	1.957	ug/l		99
31) Isopropyl Ether	3.58	45	83152	1.832	ug/l		90
32) Ethyl-t-butyl ether	4.07	59	82104	1.805	ug/l		88
33) Tert-Amyl methyl ether	5.58	73	78427	1.907	ug/l		98
34) Propionitrile	4.33	54	10305	9.567	ug/l	#	91
35) Benzene	5.38	78	123361	1.895	ug/l		99
36) 1,2-Dichloroethane	5.40	62	34313	1.743	ug/l	#	84
37) Trichloroethene	6.18	130	37769	2.022	ug/l		83
38) 1,2-Dichloropropane	6.43	63	31135	1.839	ug/l		100
39) Methacrylonitrile	4.55	41	9479	1.718	ug/l	#	85
40) Methyl acrylate	4.43	55	15045	1.807	ug/l	#	92
41) Tetrahydrofuran	4.65	42	9410	3.387	ug/l	#	76
42) 1-Chlorobutane	5.06	56	56691	1.798	ug/l		88

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

Instrument : MSVOA_U
ClientSampleId : VU0207WBS01

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Quant Time: Feb 08 13:05:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	16888	1.872	ug/l		92
44) Bromodichloromethane	6.76	83	43336	1.885	ug/l		96
45) 4-Methyl-2-Pentanone	7.46	43	90381	8.545	ug/l	#	89
46) t-1,4-Dichloro-2-butene	10.52	75	17509m	3.398	ug/l		
47) Methyl methacrylate	6.63	69	29937	3.771	ug/l	#	74
48) Ethyl methacrylate	8.02	69	30785	1.808	ug/l		80
49) Toluene	7.63	92	79241	1.903	ug/l		100
50) t-1,3-Dichloropropene	7.88	75	41399	1.837	ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	49214	1.838	ug/l	#	86
52) 1,1,2-Trichloroethane	8.07	97	22263	1.864	ug/l		98
53) 1,3-Dichloropropane	8.24	76	40483	1.929	ug/l		100
54) 2-Hexanone	8.37	43	63288	8.536	ug/l		86
55) Dibromochloromethane	8.48	129	32543	1.917	ug/l		99
56) 1,2-Dibromoethane	8.59	107	23580	1.924	ug/l		98
58) Tetrachloroethene	8.22	164	35475	2.041	ug/l		96
59) Chlorobenzene	9.12	112	92890	1.980	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	34869	2.011	ug/l		98
61) Pentachloroethane	11.10	117	25952	1.931	ug/l		88
62) Hexachloroethane	12.14	117	27655	1.886	ug/l		96
63) Ethyl Benzene	9.25	91	155972	1.914	ug/l		94
64) m/p-Xylenes	9.37	106	124453	3.930	ug/l		85
65) o-Xylene	9.78	106	59055	1.900	ug/l		90
66) Styrene	9.79	104	99830	1.927	ug/l		93
67) Bromoform	9.96	173	20305	1.922	ug/l		100
69) Isopropylbenzene	10.16	105	161142	1.941	ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.46	83	29366	1.918	ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	21611m	2.055	ug/l		
72) Bromobenzene	10.45	156	40078	1.991	ug/l		85
73) n-propylbenzene	10.58	120	45061	1.948	ug/l		80
74) 2-Chlorotoluene	10.66	126	39229	1.992	ug/l		79
75) 1,3,5-Trimethylbenzene	10.77	105	136261	1.903	ug/l		95
76) 4-Chlorotoluene	10.77	126	38665	1.892	ug/l		79
77) tert-Butylbenzene	11.10	119	137985	1.950	ug/l		91
78) 1,2,4-Trimethylbenzene	11.15	105	136827	1.888	ug/l		93
79) sec-Butylbenzene	11.32	105	175817	1.899	ug/l		95
80) Nitrobenzene	12.87	77	3340	4.896	ug/l		84
81) p-Isopropyltoluene	11.47	119	150613	1.919	ug/l		94
82) 1,3-Dichlorobenzene	11.41	146	76851	1.946	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	79456	2.020	ug/l		96
84) n-Butylbenzene	11.89	91	132088	1.834	ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	72274	1.936	ug/l		96
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4790	1.676	ug/l	#	64
87) 1,2,4-Trichlorobenzene	13.50	180	51929	1.980	ug/l		98
88) Hexachlorobutadiene	13.69	225	31489	2.073	ug/l		100
89) Naphthalene	13.74	128	80811	1.817	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	47376	1.977	ug/l		96

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

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