Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033205.D
Acq On : 11 Jul 2019 23:14
Operator : JC/SP
Sample : VU0711WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS01

Manual Integrations APPROVED

Quant Time: Jul 12 06:06:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:19:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.72	96	30344	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.29	95	11738	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
68) 1,2-Dichlorobenzene-d4	11.85	152	12058	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	21987	1.854	ug/l		98
3) Chloromethane	1.32	50	26940	1.945	ug/l		97
4) Vinyl Chloride	1.39	62	27097	1.898	ug/l		99
5) Bromomethane	1.62	94	19515	2.191	ug/l		98
6) Chloroethane	1.69	64	16920	1.932	ug/l		98
7) Trichlorofluoromethane	1.87	101	36931	1.912	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	18432	1.859	ug/l		99
9) 1,1-Dichloroethene	2.27	96	18296	1.828	ug/l		98
10) Iodomethane	2.40	142	18187	1.721	ug/l		99
11) Allyl Chloride	2.58	41	31203	1.866	ug/l		98
12) Acrylonitrile	2.92	53	10149	3.661	ug/l	#	88
13) Acetone	2.31	43	21088	8.484	ug/l		98
14) Carbon Disulfide	2.46	76	68301	1.869	ug/l		99
15) Methylene Chloride	2.68	84	24718	1.847	ug/l		99
16) trans-1,2-Dichloroethene	2.96	96	23178	2.022	ug/l		86
17) 1,1-Dichloroethane	3.42	63	31488	1.892	ug/l		99
18) 2-Butanone	4.26	43	22439	9.036	ug/l		91
19) Cyclohexane	4.97	56	23527m	1.849	ug/l		
20) Methylcyclohexane	6.39	83	23787	1.784	ug/l		98
21) 2,2-Dichloropropane	4.20	77	22424	1.604	ug/l		99
22) cis-1,2-Dichloroethene	4.20	96	17777	1.867	ug/l		97
23) Diethyl Ether	2.09	59	15630	1.791	ug/l		95
24) tert-Butyl Alcohol	2.82	59	19106	17.961	ug/l		97
25) Methyl tert-Butyl Ether	2.98	73	54921	1.882	ug/l		100
26) Bromochloromethane	4.52	128	7467	1.770	ug/l		93
27) Chloroform	4.65	83	34881	1.898	ug/l		93
28) 1,1,1-Trichloroethane	4.89	97	27653	1.901	ug/l		99
29) 1,1-Dichloropropene	5.11	75	22910	1.867	ug/l		99
30) Carbon Tetrachloride	5.11	117	24224	1.885	ug/l		97
31) Isopropyl Ether	3.55	45	40857	1.828	ug/l		95
32) Ethyl-t-butyl ether	4.05	59	39745	1.824	ug/l		99
33) Tert-Amyl methyl ether	5.56	73	35809	1.784	ug/l		97
34) Propionitrile	4.32	54	5920	8.414	ug/l	#	97
35) Benzene	5.36	78	66323	1.854	ug/l		99
36) 1,2-Dichloroethane	5.39	62	21859	1.888	ug/l		100
37) Trichloroethene	6.16	130	16857	1.803	ug/l		96
38) 1,2-Dichloropropane	6.41	63	18308	1.892	ug/l		99
39) Methacrylonitrile	4.54	41	4916	1.685	ug/l	#	65
40) Methyl acrylate	4.41	55	7202	1.667	ug/l	#	93
41) Tetrahydrofuran	4.64	42	5129	3.352	ug/l		99
42) 1-Chlorobutane	5.04	56	29717	1.783	ug/l		94

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0711WBS01

Manual Integrations APPROVED

Quant Time: Jul 12 06:06:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:19:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.54	93	9466	1.829 ug/l	96
44) Bromodichloromethane	6.74	83	23723	1.860 ug/l	98
45) 4-Methyl-2-Pentanone	7.45	43	51753	8.882 ug/l	97
46) t-1,4-Dichloro-2-butene	10.50	75	7730m	3.116 ug/l	
47) Methyl methacrylate	6.61	69	14498	3.463 ug/l	95
48) Ethyl methacrylate	8.01	69	13594	1.728 ug/l	96
49) Toluene	7.62	92	38437	1.821 ug/l	97
50) t-1,3-Dichloropropene	7.86	75	19996	1.768 ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	23505	1.799 ug/l	97
52) 1,1,2-Trichloroethane	8.05	97	13846	1.928 ug/l	98
53) 1,3-Dichloropropane	8.22	76	22949	1.885 ug/l	100
54) 2-Hexanone	8.35	43	36305	8.915 ug/l	93
55) Dibromochloromethane	8.46	129	15368	1.849 ug/l	100
56) 1,2-Dibromoethane	8.57	107	12479	1.878 ug/l	99
58) Tetrachloroethene	8.21	164	16040	1.877 ug/l	98
59) Chlorobenzene	9.10	112	42126	1.776 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.19	131	16182	1.852 ug/l	98
61) Pentachloroethane	11.09	117	12247	1.783 ug/l	96
62) Hexachloroethane	12.13	117	11474	1.720 ug/l	95
63) Ethyl Benzene	9.23	91	67333	1.737 ug/l	99
64) m/p-Xylenes	9.36	106	54054	3.567 ug/l	93
65) o-Xylene	9.76	106	25409	1.725 ug/l	98
66) Styrene	9.78	104	43665	1.756 ug/l	98
67) Bromoform	9.94	173	8820	1.866 ug/l	97
69) Isopropylbenzene	10.15	105	67552	1.764 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.44	83	18235	1.865 ug/l	99
71) 1,2,3-Trichloropropane	10.48	75	13762m	1.878 ug/l	
72) Bromobenzene	10.44	156	18245	1.837 ug/l	99
73) n-propylbenzene	10.57	120	18888	1.741 ug/l	98
74) 2-Chlorotoluene	10.64	126	18104	1.849 ug/l	91
75) 1,3,5-Trimethylbenzene	10.76	105	57927	1.748 ug/l	98
76) 4-Chlorotoluene	10.76	126	17855	1.786 ug/l	95
77) tert-Butylbenzene	11.08	119	55508	1.739 ug/l	98
78) 1,2,4-Trimethylbenzene	11.13	105	59779	1.765 ug/l	97
79) sec-Butylbenzene	11.31	105	76363	1.743 ug/l	100
80) Nitrobenzene	12.86	77	1865m	7.764 ug/l	
81) p-Isopropyltoluene	11.46	119	62236	1.747 ug/l	99
82) 1,3-Dichlorobenzene	11.40	146	37965	1.852 ug/l	98
83) 1,4-Dichlorobenzene	11.49	146	38256	1.854 ug/l	99
84) n-Butylbenzene	11.87	91	61269	1.726 ug/l	98
85) 1,2-Dichlorobenzene	11.86	146	35894	1.831 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	2893	1.868 ug/l	94
87) 1,2,4-Trichlorobenzene	13.49	180	20597	1.706 ug/l	97
88) Hexachlorobutadiene	13.68	225	12502	1.793 ug/l	98
89) Naphthalene	13.73	128	35818	1.781 ug/l	99
90) 1,2,3-Trichlorobenzene	13.97	180	20442	1.773 ug/l	99

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

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