Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072319\
Data File : VU033373.D
Acq On : 23 Jul 2019 11:27
Operator : JC/SP
Sample : VU0723WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0723WBS01

Manual Integrations APPROVED
MMDadoda
7/25/2019 11:15:42 AM

Quant Time: Jul 24 04:00:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	27854	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	10589	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	11634	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	24103	2.092	ug/l	99
3) Chloromethane	1.33	50	25310	1.991	ug/l	97
4) Vinyl Chloride	1.40	62	27627	1.947	ug/l	100
5) Bromomethane	1.62	94	19245	2.155	ug/l	99
6) Chloroethane	1.69	64	17870	1.793	ug/l	98
7) Trichlorofluoromethane	1.88	101	38401	1.971	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	19943	1.984	ug/l	98
9) 1,1-Dichloroethene	2.27	96	20403	2.061	ug/l	99
10) Iodomethane	2.40	142	19869	1.494	ug/l	98
11) Allyl Chloride	2.58	41	32899	2.014	ug/l	99
12) Acrylonitrile	2.92	53	10351	3.747	ug/l	100
13) Acetone	2.31	43	21674	9.195	ug/l	100
14) Carbon Disulfide	2.46	76	75525	2.008	ug/l	100
15) Methylene Chloride	2.68	84	25020	1.874	ug/l	93
16) trans-1,2-Dichloroethene	2.96	96	23500	1.999	ug/l	99
17) 1,1-Dichloroethane	3.42	63	31963	2.026	ug/l	98
18) 2-Butanone	4.26	43	18719	8.320	ug/l	99
19) Cyclohexane	4.97	56	21418m	1.850	ug/l	
20) Methylcyclohexane	6.40	83	21113	1.812	ug/l	95
21) 2,2-Dichloropropane	4.20	77	27326	2.044	ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	17486	1.963	ug/l	94
23) Diethyl Ether	2.09	59	16050	1.881	ug/l	98
24) tert-Butyl Alcohol	2.82	59	20631	15.117	ug/l	99
25) Methyl tert-Butyl Ether	2.99	73	54051	1.897	ug/l	100
26) Bromochloromethane	4.52	128	8382	2.140	ug/l	92
27) Chloroform	4.65	83	34946	1.938	ug/l	90
28) 1,1,1-Trichloroethane	4.89	97	28847	2.067	ug/l	99
29) 1,1-Dichloropropene	5.11	75	21895	1.902	ug/l	99
30) Carbon Tetrachloride	5.11	117	24790	2.018	ug/l	96
31) Isopropyl Ether	3.56	45	37696	1.891	ug/l	95
32) Ethyl-t-butyl ether	4.05	59	34787	1.815	ug/l	100
33) Tert-Amyl methyl ether	5.56	73	30930	1.794	ug/l	99
34) Propionitrile	4.32	54	5666	8.779	ug/l #	93
35) Benzene	5.37	78	66262	1.992	ug/l	99
36) 1,2-Dichloroethane	5.39	62	21932	1.981	ug/l	99
37) Trichloroethene	6.17	130	17303	1.971	ug/l	94
38) 1,2-Dichloropropane	6.41	63	17264	1.881	ug/l	99
39) Methacrylonitrile	4.52	41	4710	1.838	ug/l #	85
40) Methyl acrylate	4.41	55	7008	1.758	ug/l #	70
41) Tetrahydrofuran	4.64	42	4214	3.280	ug/l	98
42) 1-Chlorobutane	5.04	56	29628	1.919	ug/l	98

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ClientSampleId : VU0723WBS01

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Quant Time: Jul 24 04:00:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 03:43:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.54	93	9743	1.918 ug/l		100
44) Bromodichloromethane	6.74	83	23289	1.901 ug/l		99
45) 4-Methyl-2-Pentanone	7.45	43	42585	8.218 ug/l		98
46) t-1,4-Dichloro-2-butene	10.50	75	6247m	2.987 ug/l		
47) Methyl methacrylate	6.61	69	13858	3.579 ug/l		97
48) Ethyl methacrylate	8.01	69	11246	1.648 ug/l		96
49) Toluene	7.62	92	36728	1.928 ug/l		100
50) t-1,3-Dichloropropene	7.86	75	19384	1.897 ug/l		96
51) cis-1,3-Dichloropropene	7.25	75	23163	1.920 ug/l		99
52) 1,1,2-Trichloroethane	8.05	97	13884	2.045 ug/l		98
53) 1,3-Dichloropropane	8.23	76	21289	1.855 ug/l		99
54) 2-Hexanone	8.35	43	30088	8.249 ug/l		97
55) Dibromochloromethane	8.46	129	14972	1.888 ug/l		95
56) 1,2-Dibromoethane	8.57	107	11983	1.893 ug/l		96
58) Tetrachloroethene	8.21	164	14661	1.842 ug/l		96
59) Chlorobenzene	9.10	112	42548	1.948 ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.19	131	16184	1.951 ug/l		98
61) Pentachloroethane	11.09	117	13143	1.930 ug/l		97
62) Hexachloroethane	12.13	117	12723	1.931 ug/l		99
63) Ethyl Benzene	9.23	91	65007	1.853 ug/l		100
64) m/p-Xylenes	9.36	106	49984	3.564 ug/l		99
65) o-Xylene	9.76	106	25055	1.864 ug/l		97
66) Styrene	9.78	104	41699	1.829 ug/l		97
67) Bromoform	9.94	173	8285	1.930 ug/l	#	96
69) Isopropylbenzene	10.15	105	62859	1.824 ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.44	83	16755	1.862 ug/l		98
71) 1,2,3-Trichloropropane	10.48	75	13101m	1.886 ug/l		
72) Bromobenzene	10.44	156	17284	1.899 ug/l		98
73) n-propylbenzene	10.57	120	17917	1.824 ug/l		95
74) 2-Chlorotoluene	10.64	126	17157	1.913 ug/l		96
75) 1,3,5-Trimethylbenzene	10.76	105	57479	1.858 ug/l		99
76) 4-Chlorotoluene	10.76	126	17346	1.856 ug/l		96
77) tert-Butylbenzene	11.08	119	54761	1.868 ug/l		98
78) 1,2,4-Trimethylbenzene	11.13	105	57250	1.810 ug/l		100
79) sec-Butylbenzene	11.31	105	74574	1.848 ug/l		100
80) Nitrobenzene	12.87	77	1575m	4.211 ug/l		
81) p-Isopropyltoluene	11.46	119	60076	1.831 ug/l		98
82) 1,3-Dichlorobenzene	11.40	146	36717	1.898 ug/l		99
83) 1,4-Dichlorobenzene	11.49	146	36175	1.890 ug/l		98
84) n-Butylbenzene	11.87	91	59005	1.757 ug/l		96
85) 1,2-Dichlorobenzene	11.86	146	34497	1.902 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	2302	1.626 ug/l		96
87) 1,2,4-Trichlorobenzene	13.49	180	18093	1.676 ug/l		95
88) Hexachlorobutadiene	13.68	225	12413	1.865 ug/l		98
89) Naphthalene	13.73	128	27769	1.717 ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	17090	1.631 ug/l		97

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

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