Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031721\
Data File : VU042697.D
Acq On : 17 Mar 2021 19:07
Operator : SY/MD
Sample : VU0317WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0317WBSD01

Manual Integrations APPROVED
MMDadoda
3/25/2021 1:08:05 PM

Quant Time: Mar 18 07:36:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031721DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 18 07:25:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.125	96	15514	1.00	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	6007	0.87	ug/l		0.00
Spiked Amount 1.000			Recovery = 87.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	6760	0.92	ug/l		0.00
Spiked Amount 1.000			Recovery = 92.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	11866	1.96	ug/l		98
3) Chloromethane	1.523	50	11418	2.00	ug/l		100
4) Vinyl Chloride	1.610	62	11056	2.01	ug/l		95
5) Bromomethane	1.861	94	8210	2.26	ug/l		92
6) Chloroethane	1.938	64	7517	2.00	ug/l		99
7) Trichlorofluoromethane	2.144	101	19833	2.11	ug/l		95
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	10202	2.16	ug/l		96
9) 1,1-Dichloroethene	2.591	96	8637	2.12	ug/l		92
10) Iodomethane	2.732	142	13683	2.13	ug/l		94
11) Allyl Chloride	2.932	41	15842	2.03	ug/l		93
12) Acrylonitrile	3.330	53	5067	4.29	ug/l	#	92
13) Acetone	2.642	43	8482	9.22	ug/l		95
14) Carbon Disulfide	2.800	76	25143	1.97	ug/l		97
15) Methylene Chloride	3.057	84	10170	2.06	ug/l		91
16) trans-1,2-Dichloroethene	3.363	96	8938	2.03	ug/l		93
17) 1,1-Dichloroethane	3.880	63	18283	2.02	ug/l		98
18) 2-Butanone	4.739	43	15271	9.04	ug/l		97
19) Cyclohexane	5.388	56	15674m	2.03	ug/l		
20) Methylcyclohexane	6.771	83	12520	1.87	ug/l		99
21) 2,2-Dichloropropane	4.674	77	15655	1.88	ug/l		99
22) cis-1,2-Dichloroethene	4.678	96	10055	2.03	ug/l		98
23) Diethyl Ether	2.385	59	7090	2.05	ug/l		98
24) tert-Butyl Alcohol	3.215	59	4896	20.00	ug/l	#	96
25) Methyl tert-Butyl Ether	3.379	73	24020	1.99	ug/l		99
26) Bromochloromethane	4.986	128	4859	2.04	ug/l		99
27) Chloroform	5.102	83	19273	2.04	ug/l		97
28) 1,1,1-Trichloroethane	5.324	97	17068	1.99	ug/l		97
29) 1,1-Dichloropropene	5.533	75	11813	1.97	ug/l		96
30) Carbon Tetrachloride	5.530	117	13210	1.99	ug/l		98
31) Isopropyl Ether	4.012	45	32689	2.02	ug/l		96
32) Ethyl-t-butyl ether	4.527	59	29882	2.08	ug/l		96
33) Tert-Amyl methyl ether	5.961	73	20600	1.97	ug/l		98
34) Propionitrile	4.806	54	3400	9.16	ug/l	#	96
35) Benzene	5.784	78	33249	1.97	ug/l		99
36) 1,2-Dichloroethane	5.806	62	13415	2.05	ug/l	#	93
37) Trichloroethene	6.552	130	8957	1.98	ug/l		99
38) 1,2-Dichloropropane	6.803	63	9556	1.97	ug/l		91
39) Methacrylonitrile	4.999	41	4817	2.05	ug/l	#	92
40) Methyl acrylate	4.867	55	5964	1.95	ug/l	#	91
41) Tetrahydrofuran	5.080	42	4368	3.76	ug/l	#	89
42) 1-Chlorobutane	5.469	56	17925	2.02	ug/l		97
43) Dibromomethane	6.932	93	5463	2.06	ug/l		97
44) Bromodichloromethane	7.118	83	11766	1.89	ug/l		96

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	38618	9.69	ug/l		99
46) t-1,4-Dichloro-2-butene	10.848	75	3260m	3.09	ug/l		
47) Methyl methacrylate	6.980	69	9163	3.94	ug/l		98
48) Ethyl methacrylate	8.350	69	8850	1.91	ug/l		97
49) Toluene	7.977	92	20147	1.93	ug/l		98
50) t-1,3-Dichloropropene	8.221	75	10468	1.88	ug/l		99
51) cis-1,3-Dichloropropene	7.620	75	11462	1.84	ug/l		92
52) 1,1,2-Trichloroethane	8.411	97	6890	1.88	ug/l		98
53) 1,3-Dichloropropane	8.588	76	12535	1.98	ug/l		99
54) 2-Hexanone	8.703	43	26245	9.23	ug/l		96
55) Dibromochloromethane	8.819	129	8116	1.86	ug/l		99
56) 1,2-Dibromoethane	8.935	107	7068	1.94	ug/l		97
58) Tetrachloroethene	8.559	164	9923	2.01	ug/l		97
59) Chlorobenzene	9.456	112	23370	1.98	ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.542	131	8724	1.89	ug/l		98
61) Pentachloroethane	11.433	117	6735	1.90	ug/l		93
62) Hexachloroethane	12.484	117	6733	1.83	ug/l		98
63) Ethyl Benzene	9.578	91	37915	1.89	ug/l		99
64) m/p-Xylenes	9.703	106	29099	3.76	ug/l		100
65) o-Xylene	10.108	106	14461	1.93	ug/l		99
66) Styrene	10.124	104	24274	1.90	ug/l		98
67) Bromoform	10.301	173	5359	1.89	ug/l	#	95
69) Isopropylbenzene	10.491	105	39208	1.93	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.793	83	9043	1.87	ug/l		99
71) 1,2,3-Trichloropropane	10.838	75	8639m	2.27	ug/l		
72) Bromobenzene	10.790	156	11076	1.94	ug/l		97
73) n-propylbenzene	10.915	120	10522	1.84	ug/l		95
74) 2-Chlorotoluene	10.993	126	9938	1.92	ug/l		98
75) 1,3,5-Trimethylbenzene	11.095	105	34342	1.89	ug/l		98
76) 4-Chlorotoluene	11.105	126	10371	1.89	ug/l		98
77) tert-Butylbenzene	11.430	119	34609	1.91	ug/l		98
78) 1,2,4-Trimethylbenzene	11.475	105	34784	1.85	ug/l		99
79) sec-Butylbenzene	11.652	105	45769	1.88	ug/l		99
80) Nitrobenzene	13.230	77	1061m	10.72	ug/l		
81) p-Isopropyltoluene	11.800	119	38724	1.88	ug/l		99
82) 1,3-Dichlorobenzene	11.755	146	22551	1.98	ug/l		99
83) 1,4-Dichlorobenzene	11.845	146	22512	1.96	ug/l		98
84) n-Butylbenzene	12.218	91	35943	1.82	ug/l		97
85) 1,2-Dichlorobenzene	12.221	146	21542	1.92	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.005	75	1598	1.77	ug/l		94
87) 1,2,4-Trichlorobenzene	13.851	180	13252	1.76	ug/l		94
88) Hexachlorobutadiene	14.031	225	9488	1.88	ug/l		96
89) Naphthalene	14.099	128	19990	2.05	ug/l		99
90) 1,2,3-Trichlorobenzene	14.340	180	12264	1.72	ug/l		94

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

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