Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102220\
Data File : VU040912.D
Acq On : 22 Oct 2020 19:03
Operator : SY/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
10/26/2020 4:14:44 PM

Quant Time: Oct 23 06:51:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 06:42:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.12	96	55132	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.64	95	18598	0.84	ug/l		0.00
Spiked Amount 1.000			Recovery = 84.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	19953	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	26262	1.542	ug/l		100
3) Chloromethane	1.53	50	27317	1.512	ug/l		100
4) Vinyl Chloride	1.61	62	24634	1.392	ug/l		94
5) Bromomethane	1.87	94	15938	1.273	ug/l		91
6) Chloroethane	1.94	64	14400	1.257	ug/l		100
7) Trichlorofluoromethane	2.15	101	31287	1.228	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	17210	1.178	ug/l		97
9) 1,1-Dichloroethene	2.59	96	15173	1.217	ug/l		98
10) Iodomethane	2.74	142	10397	1.011	ug/l		95
11) Allyl Chloride	2.94	41	31137	1.254	ug/l		99
12) Acrylonitrile	3.34	53	10991	2.525	ug/l	#	87
13) Acetone	2.66	43	22804	5.888	ug/l		100
14) Carbon Disulfide	2.81	76	56960	1.539	ug/l		97
15) Methylene Chloride	3.06	84	21540	1.151	ug/l		93
16) trans-1,2-Dichloroethene	3.37	96	17263	1.272	ug/l		99
17) 1,1-Dichloroethane	3.89	63	35648	1.212	ug/l		98
18) 2-Butanone	4.74	43	34972	5.772	ug/l		100
19) Cyclohexane	5.39	56	32134m	1.277	ug/l		
20) Methylcyclohexane	6.77	83	21034	0.934	ug/l		93
21) 2,2-Dichloropropane	4.68	77	31081	1.139	ug/l		99
22) cis-1,2-Dichloroethene	4.69	96	17972	1.161	ug/l		95
23) Diethyl Ether	2.39	59	14811	1.241	ug/l		98
24) tert-Butyl Alcohol	3.24	59	18110m	11.519	ug/l		
25) Methyl tert-Butyl Ether	3.39	73	45749	1.118	ug/l		99
26) Bromochloromethane	4.99	128	8066	1.191	ug/l		94
27) Chloroform	5.11	83	33333	1.131	ug/l		97
28) 1,1,1-Trichloroethane	5.33	97	28906	1.134	ug/l		95
29) 1,1-Dichloropropene	5.54	75	24306	1.110	ug/l		99
30) Carbon Tetrachloride	5.54	117	26044	1.130	ug/l		95
31) Isopropyl Ether	4.02	45	53794	1.087	ug/l		98
32) Ethyl-t-butyl ether	4.53	59	47934	1.076	ug/l		100
33) Tert-Amyl methyl ether	5.96	73	31571	0.820	ug/l		97
34) Propionitrile	4.82	54	9318	6.036	ug/l	#	74
35) Benzene	5.79	78	68231	1.126	ug/l		96
36) 1,2-Dichloroethane	5.81	62	26412	1.136	ug/l		98
37) Trichloroethene	6.55	130	16090	1.060	ug/l		85
38) 1,2-Dichloropropane	6.81	63	18804	1.074	ug/l	#	88
39) Methacrylonitrile	5.00	41	9685	1.183	ug/l		93
40) Methyl acrylate	4.88	55	12796	1.209	ug/l	#	95
41) Tetrahydrofuran	5.10	42	9507	2.394	ug/l		98
42) 1-Chlorobutane	5.47	56	38003	1.171	ug/l		95

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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

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Quant Time: Oct 23 06:51:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 06:42:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.93	93	11038	1.100 ug/l		96
44) Bromodichloromethane	7.12	83	25077	1.043 ug/l		99
45) 4-Methyl-2-Pentanone	7.81	43	61989	4.497 ug/l		96
46) t-1,4-Dichloro-2-butene	10.83	75	10715m	2.055 ug/l		
47) Methyl methacrylate	6.98	69	15451	1.778 ug/l		98
48) Ethyl methacrylate	8.34	69	13696	0.882 ug/l		96
49) Toluene	7.98	92	33420	0.914 ug/l		98
50) t-1,3-Dichloropropene	8.22	75	20019	0.930 ug/l		98
51) cis-1,3-Dichloropropene	7.62	75	22569	0.944 ug/l		98
52) 1,1,2-Trichloroethane	8.41	97	13923	1.081 ug/l		93
53) 1,3-Dichloropropane	8.58	76	25127	1.086 ug/l		99
54) 2-Hexanone	8.70	43	42347	4.269 ug/l		95
55) Dibromochloromethane	8.82	129	16465	1.099 ug/l		98
56) 1,2-Dibromoethane	8.93	107	11794	0.980 ug/l		96
58) Tetrachloroethene	8.56	164	14984	1.025 ug/l		92
59) Chlorobenzene	9.45	112	38217	0.960 ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.54	131	14999	1.025 ug/l		98
61) Pentachloroethane	11.42	117	12827	1.241 ug/l		95
62) Hexachloroethane	12.47	117	12310	0.972 ug/l		96
63) Ethyl Benzene	9.57	91	54197	0.797 ug/l		97
64) m/p-Xylenes	9.69	106	40498	1.583 ug/l		98
65) o-Xylene	10.10	106	19050	0.778 ug/l		98
66) Styrene	10.11	104	32153	0.746 ug/l		98
67) Bromoform	10.29	173	8321	1.067 ug/l		94
69) Isopropylbenzene	10.48	105	52253	0.781 ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.78	83	19036	1.102 ug/l		95
71) 1,2,3-Trichloropropane	10.83	75	11760m	0.886 ug/l		
72) Bromobenzene	10.78	156	14719	0.928 ug/l		93
73) n-propylbenzene	10.90	120	14049	0.755 ug/l		93
74) 2-Chlorotoluene	10.99	126	14432	0.889 ug/l		90
75) 1,3,5-Trimethylbenzene	11.09	105	42756	0.728 ug/l		99
76) 4-Chlorotoluene	11.10	126	13986	0.801 ug/l		92
77) tert-Butylbenzene	11.42	119	44975	0.822 ug/l		94
78) 1,2,4-Trimethylbenzene	11.47	105	42687	0.692 ug/l		97
79) sec-Butylbenzene	11.64	105	58791	0.746 ug/l		98
80) Nitrobenzene	13.21	77	3876	5.417 ug/l		98
81) p-Isopropyltoluene	11.79	119	47851	0.757 ug/l		97
82) 1,3-Dichlorobenzene	11.74	146	32886	0.948 ug/l		98
83) 1,4-Dichlorobenzene	11.83	146	32377	0.941 ug/l		97
84) n-Butylbenzene	12.20	91	49123	0.762 ug/l		96
85) 1,2-Dichlorobenzene	12.20	146	32069	0.962 ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	3636	1.148 ug/l	#	82
87) 1,2,4-Trichlorobenzene	13.83	180	17926	0.931 ug/l		94
88) Hexachlorobutadiene	14.01	225	9882	0.982 ug/l		90
89) Naphthalene	14.08	128	29039	0.773 ug/l		97
90) 1,2,3-Trichlorobenzene	14.32	180	17063	0.935 ug/l		94

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

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