Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102220\
Data File : VU040913.D
Acq On : 22 Oct 2020 19:32
Operator : SY/MD
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 23 06:53:15 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

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
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10/26/2020 4:14:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	54867	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	18839	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery = 86.00%			
68) 1,2-Dichlorobenzene-d4	12.18	152	20935	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	54591	3.222	ug/l	96
3) Chloromethane	1.53	50	55824	3.104	ug/l	97
4) Vinyl Chloride	1.61	62	49596	2.816	ug/l	97
5) Bromomethane	1.86	94	31281	2.510	ug/l	99
6) Chloroethane	1.94	64	32158	2.821	ug/l	99
7) Trichlorofluoromethane	2.15	101	65414	2.580	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	37097	2.552	ug/l	99
9) 1,1-Dichloroethene	2.59	96	31121	2.509	ug/l	99
10) Iodomethane	2.74	142	28130	2.748	ug/l	99
11) Allyl Chloride	2.94	41	63866	2.584	ug/l	100
12) Acrylonitrile	3.33	53	21531	4.970	ug/l	95
13) Acetone	2.64	43	43621	11.318	ug/l	99
14) Carbon Disulfide	2.81	76	116685	3.167	ug/l	98
15) Methylene Chloride	3.06	84	39801	2.137	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	36544	2.707	ug/l	96
17) 1,1-Dichloroethane	3.89	63	71621	2.447	ug/l	98
18) 2-Butanone	4.74	43	76281	12.651	ug/l	98
19) Cyclohexane	5.40	56	68218m	2.724	ug/l	
20) Methylcyclohexane	6.77	83	45570	2.034	ug/l	94
21) 2,2-Dichloropropane	4.68	77	61402	2.260	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	38208	2.480	ug/l	97
23) Diethyl Ether	2.39	59	30080	2.533	ug/l	92
24) tert-Butyl Alcohol	3.20	59	38522	24.622	ug/l	96
25) Methyl tert-Butyl Ether	3.39	73	93821	2.304	ug/l	96
26) Bromochloromethane	4.99	128	17042	2.528	ug/l	98
27) Chloroform	5.11	83	70762	2.413	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	59763	2.356	ug/l	96
29) 1,1-Dichloropropene	5.54	75	51394	2.359	ug/l	97
30) Carbon Tetrachloride	5.54	117	53812	2.345	ug/l	91
31) Isopropyl Ether	4.02	45	109816	2.230	ug/l	96
32) Ethyl-t-butyl ether	4.53	59	99084	2.234	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	70781	1.847	ug/l	99
34) Propionitrile	4.80	54	19997	13.016	ug/l #	96
35) Benzene	5.79	78	147488	2.446	ug/l	98
36) 1,2-Dichloroethane	5.81	62	54199	2.342	ug/l	98
37) Trichloroethene	6.55	130	33627	2.225	ug/l	97
38) 1,2-Dichloropropane	6.81	63	41428	2.379	ug/l	98
39) Methacrylonitrile	5.00	41	18885	2.318	ug/l	96
40) Methyl acrylate	4.87	55	25409	2.413	ug/l	96
41) Tetrahydrofuran	5.08	42	19090	4.830	ug/l	98
42) 1-Chlorobutane	5.47	56	78128	2.419	ug/l	97

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Quant Time: Oct 23 06:53:15 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	23857	2.388	ug/l		95
44) Bromodichloromethane	7.12	83	52848	2.208	ug/l		98
45) 4-Methyl-2-Pentanone	7.81	43	138433	10.091	ug/l		98
46) t-1,4-Dichloro-2-butene	10.83	75	21566m	4.157	ug/l		
47) Methyl methacrylate	6.98	69	36514	4.223	ug/l		98
48) Ethyl methacrylate	8.34	69	28534	1.847	ug/l		94
49) Toluene	7.97	92	76227	2.094	ug/l		95
50) t-1,3-Dichloropropene	8.22	75	44779	2.090	ug/l		98
51) cis-1,3-Dichloropropene	7.62	75	48624	2.043	ug/l		99
52) 1,1,2-Trichloroethane	8.41	97	30279	2.363	ug/l		95
53) 1,3-Dichloropropane	8.58	76	51400	2.233	ug/l		100
54) 2-Hexanone	8.69	43	95358	9.660	ug/l		96
55) Dibromochloromethane	8.82	129	34374	2.305	ug/l		100
56) 1,2-Dibromoethane	8.93	107	26722	2.230	ug/l		100
58) Tetrachloroethene	8.56	164	31472	2.164	ug/l		98
59) Chlorobenzene	9.45	112	82594	2.086	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.54	131	33287	2.286	ug/l		98
61) Pentachloroethane	11.43	117	27386	2.662	ug/l		97
62) Hexachloroethane	12.47	117	26113	2.071	ug/l		100
63) Ethyl Benzene	9.57	91	126106	1.863	ug/l		99
64) m/p-Xylenes	9.69	106	97479	3.829	ug/l		100
65) o-Xylene	10.10	106	45352	1.860	ug/l		96
66) Styrene	10.11	104	78286	1.826	ug/l		95
67) Bromoform	10.29	173	18614	2.399	ug/l		95
69) Isopropylbenzene	10.48	105	120357	1.807	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.78	83	38984	2.269	ug/l		99
71) 1,2,3-Trichloropropane	10.83	75	29996m	2.271	ug/l		
72) Bromobenzene	10.78	156	34009	2.154	ug/l		97
73) n-propylbenzene	10.90	120	34563	1.867	ug/l		98
74) 2-Chlorotoluene	10.99	126	32096	1.987	ug/l		97
75) 1,3,5-Trimethylbenzene	11.09	105	109158	1.868	ug/l		99
76) 4-Chlorotoluene	11.10	126	36167	2.080	ug/l		91
77) tert-Butylbenzene	11.42	119	104143	1.914	ug/l		97
78) 1,2,4-Trimethylbenzene	11.47	105	113845	1.853	ug/l		98
79) sec-Butylbenzene	11.64	105	147931	1.887	ug/l		100
80) Nitrobenzene	13.20	77	9248	12.988	ug/l	#	98
81) p-Isopropyltoluene	11.79	119	118616	1.886	ug/l		98
82) 1,3-Dichlorobenzene	11.74	146	74652	2.162	ug/l		98
83) 1,4-Dichlorobenzene	11.83	146	78165	2.282	ug/l		99
84) n-Butylbenzene	12.20	91	118425	1.846	ug/l		99
85) 1,2-Dichlorobenzene	12.21	146	71328	2.151	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	6955	2.207	ug/l		94
87) 1,2,4-Trichlorobenzene	13.83	180	37735	1.969	ug/l		96
88) Hexachlorobutadiene	14.01	225	23375	2.334	ug/l		98
89) Naphthalene	14.08	128	64694	1.731	ug/l		99
90) 1,2,3-Trichlorobenzene	14.32	180	37669	2.073	ug/l		100

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

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