Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091119\
Data File : VU034471.D
Acq On : 11 Sep 2019 12:01
Operator : JC/SP
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED
MMDadoda
9/12/2019 4:53:35 PM

Quant Time: Sep 12 02:47:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:05:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	66765	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	26415	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	11.84	152	27616	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	351065	12.902	ug/l	100
3) Chloromethane	1.33	50	373930	12.484	ug/l	98
4) Vinyl Chloride	1.40	62	384359	11.645	ug/l	99
5) Bromomethane	1.62	94	221260	10.746	ug/l	100
6) Chloroethane	1.69	64	221387	9.911	ug/l	98
7) Trichlorofluoromethane	1.88	101	475465	10.642	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	250115	10.755	ug/l	100
9) 1,1-Dichloroethene	2.28	96	253376	11.052	ug/l	99
10) Iodomethane	2.40	142	309301	10.323	ug/l	99
11) Allyl Chloride	2.58	41	424245	11.219	ug/l	100
12) Acrylonitrile	2.92	53	106771	17.156	ug/l	97
13) Acetone	2.31	43	214561	40.248	ug/l	99
14) Carbon Disulfide	2.47	76	902238	10.439	ug/l	100
15) Methylene Chloride	2.68	84	279864	9.132	ug/l	99
16) trans-1,2-Dichloroethene	2.96	96	282297	10.430	ug/l	99
17) 1,1-Dichloroethane	3.42	63	548310	14.351	ug/l	99
18) 2-Butanone	4.25	43	366834	69.321	ug/l	99
19) Cyclohexane	4.97	56	496868m	17.500	ug/l	
20) Methylcyclohexane	6.39	83	513964	17.971	ug/l	99
21) 2,2-Dichloropropane	4.20	77	441349	13.601	ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	325796	15.123	ug/l	99
23) Diethyl Ether	2.10	59	199575	10.303	ug/l	99
24) tert-Butyl Alcohol	2.82	59	197812	67.219	ug/l	99
25) Methyl tert-Butyl Ether	2.99	73	618672	9.597	ug/l	99
26) Bromochloromethane	4.52	128	130750	13.929	ug/l	98
27) Chloroform	4.65	83	526515	12.247	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	456560	13.736	ug/l	99
29) 1,1-Dichloropropene	5.11	75	416651	15.090	ug/l	99
30) Carbon Tetrachloride	5.11	117	407641	13.882	ug/l	98
31) Isopropyl Ether	3.56	45	844440	17.114	ug/l	99
32) Ethyl-t-butyl ether	4.05	59	755926	16.294	ug/l	100
33) Tert-Amyl methyl ether	5.56	73	649230	15.852	ug/l	100
34) Propionitrile	4.31	54	103689	69.313	ug/l	98
35) Benzene	5.37	78	1212179	15.112	ug/l	99
36) 1,2-Dichloroethane	5.38	62	300161	11.663	ug/l	100
37) Trichloroethene	6.16	130	333198	15.566	ug/l	99
38) 1,2-Dichloropropane	6.41	63	311523	14.170	ug/l	100
39) Methacrylonitrile	4.53	41	86010	14.305	ug/l	98
40) Methyl acrylate	4.41	55	140226	15.023	ug/l	99
41) Tetrahydrofuran	4.63	42	87914	29.281	ug/l	99
42) 1-Chlorobutane	5.04	56	580547	15.579	ug/l	100

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Quant Time: Sep 12 02:47:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:05:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.54	93	143810	12.163 ug/l		99
44) Bromodichloromethane	6.74	83	376377	13.004 ug/l		100
45) 4-Methyl-2-Pentanone	7.44	43	827736	68.926 ug/l		99
46) t-1,4-Dichloro-2-butene	10.49	75	139814m	29.394 ug/l		
47) Methyl methacrylate	6.61	69	263875	29.183 ug/l		99
48) Ethyl methacrylate	8.00	69	257690	16.073 ug/l		100
49) Toluene	7.61	92	763003	16.607 ug/l		99
50) t-1,3-Dichloropropene	7.86	75	339119	14.144 ug/l		99
51) cis-1,3-Dichloropropene	7.25	75	425625	14.792 ug/l		99
52) 1,1,2-Trichloroethane	8.05	97	202763	12.776 ug/l		98
53) 1,3-Dichloropropane	8.22	76	355855	13.237 ug/l		99
54) 2-Hexanone	8.34	43	579555	68.808 ug/l		99
55) Dibromochloromethane	8.46	129	254232	13.596 ug/l		97
56) 1,2-Dibromoethane	8.57	107	190597	12.905 ug/l		99
58) Tetrachloroethene	8.21	164	319053	16.346 ug/l		99
59) Chlorobenzene	9.10	112	831355	15.828 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.19	131	285218	14.313 ug/l		99
61) Pentachloroethane	11.08	117	223696	13.745 ug/l		98
62) Hexachloroethane	12.12	117	218920	14.100 ug/l		98
63) Ethyl Benzene	9.23	91	1445077	17.119 ug/l		100
64) m/p-Xylenes	9.35	106	1151568	34.038 ug/l		98
65) o-Xylene	9.76	106	544623	16.819 ug/l		99
66) Styrene	9.77	104	938749	17.169 ug/l		100
67) Bromoform	9.94	173	150040	14.690 ug/l		99
69) Isopropylbenzene	10.14	105	1453319	17.457 ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.43	83	257888	12.287 ug/l		100
71) 1,2,3-Trichloropropane	10.47	75	186707m	11.477 ug/l		
72) Bromobenzene	10.43	156	354133	16.077 ug/l		98
73) n-propylbenzene	10.57	120	422653	17.773 ug/l		99
74) 2-Chlorotoluene	10.64	126	355166	16.454 ug/l		100
75) 1,3,5-Trimethylbenzene	10.75	105	1270790	17.069 ug/l		100
76) 4-Chlorotoluene	10.75	126	362865	16.231 ug/l		98
77) tert-Butylbenzene	11.08	119	1225708	17.205 ug/l		99
78) 1,2,4-Trimethylbenzene	11.13	105	1314640	17.305 ug/l		99
79) sec-Butylbenzene	11.30	105	1643667	16.923 ug/l		100
80) Nitrobenzene	12.85	77	39431	46.401 ug/l	#	96
81) p-Isopropyltoluene	11.45	119	1424722	17.943 ug/l		100
82) 1,3-Dichlorobenzene	11.39	146	729246	15.621 ug/l		99
83) 1,4-Dichlorobenzene	11.49	146	714413	15.502 ug/l		99
84) n-Butylbenzene	11.86	91	1315628	16.438 ug/l		100
85) 1,2-Dichlorobenzene	11.86	146	655781	15.077 ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.63	75	39831	12.227 ug/l		96
87) 1,2,4-Trichlorobenzene	13.48	180	460436	17.757 ug/l		100
88) Hexachlorobutadiene	13.67	225	288388	17.383 ug/l		100
89) Naphthalene	13.72	128	693793	16.268 ug/l		100
90) 1,2,3-Trichlorobenzene	13.96	180	415917	16.622 ug/l		98

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

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