Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091119\
Data File : VU034472.D
Acq On : 11 Sep 2019 12:28
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU091119

Manual Integrations APPROVED
MMDadoda
9/12/2019 4:53:40 PM

Quant Time: Sep 12 03:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	69528	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	28261	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
68) 1,2-Dichlorobenzene-d4	11.84	152	28413	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	138172	5.429	ug/l	98
3) Chloromethane	1.33	50	149327	5.332	ug/l	99
4) Vinyl Chloride	1.40	62	164492	5.979	ug/l	100
5) Bromomethane	1.62	94	99580	6.211	ug/l	98
6) Chloroethane	1.69	64	107756	6.758	ug/l	99
7) Trichlorofluoromethane	1.88	101	251209	7.422	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	160777	8.756	ug/l	100
9) 1,1-Dichloroethene	2.28	96	144109	7.789	ug/l	98
10) Iodomethane	2.40	142	128818	6.287	ug/l	100
11) Allyl Chloride	2.58	41	250193	8.229	ug/l	97
12) Acrylonitrile	2.92	53	202560	52.546	ug/l	98
13) Acetone	2.31	43	249719	77.772	ug/l	97
14) Carbon Disulfide	2.47	76	273691	4.213	ug/l	98
15) Methylene Chloride	2.68	84	172458	8.019	ug/l	99
16) trans-1,2-Dichloroethene	2.96	96	157038	7.585	ug/l	99
17) 1,1-Dichloroethane	3.42	63	354208	8.972	ug/l	99
18) 2-Butanone	4.25	43	310403	66.934	ug/l	98
19) Cyclohexane	4.97	56	233141m	7.535	ug/l	
20) Methylcyclohexane	6.39	83	246576	7.643	ug/l	99
21) 2,2-Dichloropropane	4.20	77	295710	9.087	ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	203922	9.088	ug/l	100
23) Diethyl Ether	2.10	59	122351	8.830	ug/l	99
24) tert-Butyl Alcohol	2.82	59	80079	53.685	ug/l	99
25) Methyl tert-Butyl Ether	2.99	73	454828	10.257	ug/l	100
26) Bromochloromethane	4.52	128	96304	10.147	ug/l	99
27) Chloroform	4.65	83	360468	8.783	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	293654	9.123	ug/l	99
29) 1,1-Dichloropropene	5.11	75	227194	8.168	ug/l	100
30) Carbon Tetrachloride	5.11	117	252374	8.749	ug/l	99
31) Isopropyl Ether	3.56	45	608241	10.703	ug/l #	1
34) Propionitrile	4.31	54	164849	125.209	ug/l	97
35) Benzene	5.37	78	741640	8.890	ug/l	99
36) 1,2-Dichloroethane	5.38	62	204790	9.558	ug/l	100
37) Trichloroethene	6.16	130	204866	8.777	ug/l	99
38) 1,2-Dichloropropane	6.41	63	214109	9.688	ug/l	98
39) Methacrylonitrile	4.53	41	66123	12.137	ug/l	97
40) Methyl acrylate	4.41	55	97560	11.753	ug/l	98
41) Tetrahydrofuran	4.63	42	165033	59.122	ug/l	97
42) 1-Chlorobutane	5.04	56	324008	8.572	ug/l	98
43) Dibromomethane	6.54	93	100579	9.669	ug/l	98
44) Bromodichloromethane	6.74	83	270258	10.111	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.44	43	654264	62.031 ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	54410m	12.943 ug/l	
47) Methyl methacrylate	6.61	69	95833	11.549 ug/l	99
48) Ethyl methacrylate	8.00	69	191674	12.855 ug/l	98
49) Toluene	7.61	92	469828	9.653 ug/l	100
50) t-1,3-Dichloropropene	7.86	75	248274	11.280 ug/l	98
51) cis-1,3-Dichloropropene	7.25	75	295265	10.659 ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	155344	10.753 ug/l	96
53) 1,3-Dichloropropane	8.22	76	259646	10.748 ug/l	99
54) 2-Hexanone	8.34	43	495394	70.069 ug/l	100
55) Dibromochloromethane	8.46	129	189321	10.786 ug/l	97
56) 1,2-Dibromoethane	8.57	107	139683	10.538 ug/l	99
58) Tetrachloroethene	8.21	164	194153	8.753 ug/l	99
59) Chlorobenzene	9.10	112	539537	9.949 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.19	131	205644	10.239 ug/l	100
61) Pentachloroethane	11.08	117	166763	10.258 ug/l	98
62) Hexachloroethane	12.12	117	152890	10.591 ug/l	99
63) Ethyl Benzene	9.23	91	940380	10.813 ug/l	99
64) m/p-Xylenes	9.35	106	742010	21.066 ug/l	98
65) o-Xylene	9.76	106	356317	10.619 ug/l	100
66) Styrene	9.77	104	645036	11.483 ug/l	99
67) Bromoform	9.94	173	117837	11.420 ug/l	98
69) Isopropylbenzene	10.14	105	998200	11.411 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.43	83	206603	11.144 ug/l	99
71) 1,2,3-Trichloropropane	10.47	75	151877m	11.512 ug/l	
72) Bromobenzene	10.43	156	256338	10.808 ug/l	100
73) n-propylbenzene	10.57	120	281117	11.094 ug/l	99
74) 2-Chlorotoluene	10.64	126	243396	10.676 ug/l	100
75) 1,3,5-Trimethylbenzene	10.75	105	900057	11.461 ug/l	100
76) 4-Chlorotoluene	10.75	126	257764	11.166 ug/l	96
77) tert-Butylbenzene	11.08	119	842164	11.060 ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	920730	11.609 ug/l	100
79) sec-Butylbenzene	11.30	105	1065102	10.397 ug/l	99
80) Nitrobenzene	12.86	77	6639m	16.776 ug/l	
81) p-Isopropyltoluene	11.45	119	1009625	11.812 ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	514600	10.454 ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	518267	10.595 ug/l	99
84) n-Butylbenzene	11.86	91	950908	12.089 ug/l	99
85) 1,2-Dichlorobenzene	11.86	146	473893	10.625 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	33454	13.517 ug/l	99
87) 1,2,4-Trichlorobenzene	13.48	180	370739	14.399 ug/l	99
88) Hexachlorobutadiene	13.67	225	213054	10.859 ug/l	99
89) Naphthalene	13.72	128	604263	13.106 ug/l	99
90) 1,2,3-Trichlorobenzene	13.97	180	334452	14.106 ug/l	99

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

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