Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091119\
Data File : VU034470.D
Acq On : 11 Sep 2019 11:34
Operator : JC/SP
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Quant Time: Sep 12 02:45:11 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	66111	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	26114	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	11.84	152	27461	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	235162	8.728	ug/l	100
3) Chloromethane	1.33	50	248944	8.393	ug/l	100
4) Vinyl Chloride	1.40	62	256626	7.852	ug/l	100
5) Bromomethane	1.62	94	143328	7.030	ug/l	100
6) Chloroethane	1.69	64	147609	6.673	ug/l	100
7) Trichlorofluoromethane	1.88	101	312584	7.065	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	169358	7.355	ug/l	100
9) 1,1-Dichloroethene	2.28	96	170796	7.524	ug/l	100
10) Iodomethane	2.40	142	201320	6.786	ug/l	100
11) Allyl Chloride	2.58	41	283524	7.572	ug/l	100
12) Acrylonitrile	2.92	53	70281	11.405	ug/l	100
13) Acetone	2.31	43	146698	27.790	ug/l	100
14) Carbon Disulfide	2.47	76	601459	7.028	ug/l	100
15) Methylene Chloride	2.69	84	185104	6.100	ug/l	100
16) trans-1,2-Dichloroethene	2.96	96	187213	6.985	ug/l	100
17) 1,1-Dichloroethane	3.42	63	366865	9.697	ug/l	100
18) 2-Butanone	4.25	43	242330	46.246	ug/l	100
19) Cyclohexane	4.97	56	321514m	11.436	ug/l	
20) Methylcyclohexane	6.39	83	335230	11.838	ug/l	100
21) 2,2-Dichloropropane	4.20	77	302904	9.427	ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	216298	10.140	ug/l	100
23) Diethyl Ether	2.10	59	129886	6.772	ug/l	100
24) tert-Butyl Alcohol	2.82	59	134148	46.036	ug/l	100
25) Methyl tert-Butyl Ether	2.99	73	417626	6.542	ug/l	100
26) Bromochloromethane	4.52	128	88347	9.505	ug/l	100
27) Chloroform	4.65	83	354516	8.328	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	301982	9.175	ug/l	100
29) 1,1-Dichloropropene	5.11	75	273465	10.002	ug/l	100
30) Carbon Tetrachloride	5.11	117	272507	9.372	ug/l	100
31) Isopropyl Ether	3.56	45	553185	11.322	ug/l	100
32) Ethyl-t-butyl ether	4.05	59	480979	10.470	ug/l	100
33) Tert-Amyl methyl ether	5.56	73	415430	10.244	ug/l	100
34) Propionitrile	4.31	54	67810	45.777	ug/l	100
35) Benzene	5.37	78	808179	10.175	ug/l	100
36) 1,2-Dichloroethane	5.38	62	205165	8.051	ug/l	100
37) Trichloroethene	6.16	130	224599	10.596	ug/l	100
38) 1,2-Dichloropropane	6.41	63	210597	9.674	ug/l	100
39) Methacrylonitrile	4.53	41	54652	9.180	ug/l	100
40) Methyl acrylate	4.41	55	88495	9.574	ug/l	100
41) Tetrahydrofuran	4.63	42	56591	19.035	ug/l	100
42) 1-Chlorobutane	5.04	56	385288	10.441	ug/l	100

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Instrument :
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Quant Time: Sep 12 02:45:11 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	95689	8.173 ug/l	100
44) Bromodichloromethane	6.74	83	251763	8.785 ug/l	100
45) 4-Methyl-2-Pentanone	7.44	43	541218	45.513 ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	80431m	17.077 ug/l	
47) Methyl methacrylate	6.61	69	173755	19.406 ug/l	100
48) Ethyl methacrylate	8.00	69	159630	10.055 ug/l	100
49) Toluene	7.62	92	499625	10.982 ug/l	100
50) t-1,3-Dichloropropene	7.86	75	219706	9.254 ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	277408	9.736 ug/l	100
52) 1,1,2-Trichloroethane	8.04	97	133011	8.464 ug/l	100
53) 1,3-Dichloropropane	8.22	76	231453	8.695 ug/l	100
54) 2-Hexanone	8.34	43	376440	45.135 ug/l	100
55) Dibromochloromethane	8.46	129	169569	9.158 ug/l	100
56) 1,2-Dibromoethane	8.57	107	124895	8.540 ug/l	100
58) Tetrachloroethene	8.21	164	212215	10.980 ug/l	100
59) Chlorobenzene	9.10	112	538102	10.346 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.19	131	190962	9.678 ug/l	100
61) Pentachloroethane	11.08	117	150079	9.313 ug/l	100
62) Hexachloroethane	12.12	117	137150	8.921 ug/l	100
63) Ethyl Benzene	9.23	91	936282	11.201 ug/l	100
64) m/p-Xylenes	9.35	106	759009	22.657 ug/l	100
65) o-Xylene	9.76	106	357960	11.164 ug/l	100
66) Styrene	9.77	104	618216	11.419 ug/l	100
67) Bromoform	9.94	173	99747	9.863 ug/l	100
69) Isopropylbenzene	10.14	105	937211	11.369 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	172421	8.296 ug/l	100
71) 1,2,3-Trichloropropane	10.47	75	130591m	8.107 ug/l	
72) Bromobenzene	10.43	156	235330	10.789 ug/l	100
73) n-propylbenzene	10.57	120	275767	11.711 ug/l	100
74) 2-Chlorotoluene	10.64	126	235770	11.031 ug/l	100
75) 1,3,5-Trimethylbenzene	10.75	105	850604	11.538 ug/l	100
76) 4-Chlorotoluene	10.75	126	238221	10.761 ug/l	100
77) tert-Butylbenzene	11.08	119	806769	11.437 ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	867714	11.535 ug/l	100
79) sec-Butylbenzene	11.30	105	1081350	11.243 ug/l	100
80) Nitrobenzene	12.85	77	22060	26.216 ug/l	100
81) p-Isopropyltoluene	11.45	119	929988	11.828 ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	481580	10.418 ug/l	100
83) 1,4-Dichlorobenzene	11.49	146	481561	10.553 ug/l	100
84) n-Butylbenzene	11.87	91	853826	10.774 ug/l	100
85) 1,2-Dichlorobenzene	11.85	146	434528	10.089 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.63	75	25920	8.035 ug/l	100
87) 1,2,4-Trichlorobenzene	13.48	180	283428	11.039 ug/l	100
88) Hexachlorobutadiene	13.67	225	189625	11.543 ug/l	100
89) Naphthalene	13.72	128	407743	9.656 ug/l	100
90) 1,2,3-Trichlorobenzene	13.96	180	265090	10.699 ug/l	100

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

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