Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033199.D
Acq On : 11 Jul 2019 18:42
Operator : JC/SP
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

Manual Integrations APPROVED
MMDadoda
7/16/2019 4:03:23 PM

Quant Time: Jul 12 04:52:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 04:10:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	33595	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	13348	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	14704	1.08	ug/l	0.00
Spiked Amount 1.000			Recovery = 108.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	130293	9.328	ug/l	100
3) Chloromethane	1.32	50	149398	9.388	ug/l	100
4) Vinyl Chloride	1.40	62	153665	9.097	ug/l	100
5) Bromomethane	1.62	94	91858	9.764	ug/l	100
6) Chloroethane	1.69	64	95339	8.993	ug/l	100
7) Trichlorofluoromethane	1.87	101	214373	9.367	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	108942	9.420	ug/l	100
9) 1,1-Dichloroethene	2.27	96	107757	9.191	ug/l	100
10) Iodomethane	2.40	142	144758	9.243	ug/l	100
11) Allyl Chloride	2.58	41	180354	8.929	ug/l	100
12) Acrylonitrile	2.92	53	59962	18.359	ug/l	100
13) Acetone	2.31	43	126261	43.688	ug/l	100
14) Carbon Disulfide	2.46	76	396214	9.132	ug/l	100
15) Methylene Chloride	2.68	84	133256	8.821	ug/l	100
16) trans-1,2-Dichloroethene	2.96	96	122380	9.073	ug/l	100
17) 1,1-Dichloroethane	3.42	63	184949	9.322	ug/l	100
18) 2-Butanone	4.25	43	140054	54.076	ug/l	100
19) Cyclohexane	4.96	56	154328m	10.312	ug/l	
20) Methylcyclohexane	6.39	83	165074	11.119	ug/l	100
21) 2,2-Dichloropropane	4.20	77	154458	8.927	ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	108368	9.852	ug/l	100
23) Diethyl Ether	2.09	59	94098	9.508	ug/l	100
24) tert-Butyl Alcohol	2.82	59	115212	91.427	ug/l	100
25) Methyl tert-Butyl Ether	2.98	73	320758	9.603	ug/l	100
26) Bromochloromethane	4.52	128	46905	9.572	ug/l	100
27) Chloroform	4.65	83	193878	8.756	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	163746	9.439	ug/l	100
29) 1,1-Dichloropropene	5.11	75	142170	9.903	ug/l	100
30) Carbon Tetrachloride	5.11	117	145030	9.349	ug/l	100
31) Isopropyl Ether	3.55	45	258661	9.869	ug/l	100
32) Ethyl-t-butyl ether	4.05	59	255281	10.217	ug/l	100
33) Tert-Amyl methyl ether	5.56	73	244254	10.842	ug/l	100
34) Propionitrile	4.31	54	42111	56.165	ug/l	100
35) Benzene	5.36	78	413462	9.901	ug/l	100
36) 1,2-Dichloroethane	5.38	62	130620	9.688	ug/l	100
37) Trichloroethene	6.16	130	106783	9.910	ug/l	100
38) 1,2-Dichloropropane	6.41	63	111927	9.732	ug/l	100
39) Methacrylonitrile	4.52	41	33756	10.852	ug/l	100
40) Methyl acrylate	4.40	55	56395	12.019	ug/l	100
41) Tetrahydrofuran	4.62	42	34727	21.888	ug/l	100
42) 1-Chlorobutane	5.04	56	192391	9.861	ug/l	100

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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)
43) Dibromomethane	6.54	93	59715	9.900 ug/l	100
44) Bromodichloromethane	6.74	83	144191	9.601 ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	358132	55.959 ug/l	100
46) t-1,4-Dichloro-2-butene	10.50	75	63990m	22.146 ug/l	
47) Methyl methacrylate	6.61	69	106186	22.683 ug/l	100
48) Ethyl methacrylate	8.00	69	100163	11.556 ug/l	100
49) Toluene	7.62	92	258174	10.496 ug/l	100
50) t-1,3-Dichloropropene	7.86	75	137501	10.613 ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	155003	10.176 ug/l	100
52) 1,1,2-Trichloroethane	8.05	97	82110	9.873 ug/l	100
53) 1,3-Dichloropropane	8.22	76	142003	10.163 ug/l	100
54) 2-Hexanone	8.35	43	254198	58.321 ug/l	100
55) Dibromochloromethane	8.46	129	97081	9.993 ug/l	100
56) 1,2-Dibromoethane	8.57	107	78915	10.377 ug/l	100
58) Tetrachloroethene	8.21	164	97816	9.907 ug/l	100
59) Chlorobenzene	9.10	112	287008	10.480 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.19	131	100954	9.629 ug/l	100
61) Pentachloroethane	11.09	117	81041	9.515 ug/l	100
62) Hexachloroethane	12.13	117	81164	9.924 ug/l	100
63) Ethyl Benzene	9.23	91	497802	11.035 ug/l	100
64) m/p-Xylenes	9.36	106	392919	22.353 ug/l	100
65) o-Xylene	9.76	106	186873	11.071 ug/l	100
66) Styrene	9.77	104	328095	11.543 ug/l	100
67) Bromoform	9.94	173	56122	10.552 ug/l	100
69) Isopropylbenzene	10.15	105	492761	11.179 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	112286	10.205 ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	81576m	10.300 ug/l	
72) Bromobenzene	10.44	156	119316	10.606 ug/l	100
73) n-propylbenzene	10.57	120	142885	11.657 ug/l	100
74) 2-Chlorotoluene	10.64	126	123013	10.976 ug/l	100
75) 1,3,5-Trimethylbenzene	10.76	105	443962	11.370 ug/l	100
76) 4-Chlorotoluene	10.76	126	130959	11.149 ug/l	100
77) tert-Butylbenzene	11.08	119	411680	11.058 ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	456089	11.531 ug/l	100
79) sec-Butylbenzene	11.31	105	563599	11.075 ug/l	100
80) Nitrobenzene	12.85	77	20267	74.449 ug/l	100
81) p-Isopropyltoluene	11.46	119	474059	11.574 ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	250022	10.578 ug/l	100
83) 1,4-Dichlorobenzene	11.49	146	254451	10.922 ug/l	100
84) n-Butylbenzene	11.87	91	464857	11.617 ug/l	100
85) 1,2-Dichlorobenzene	11.86	146	234466	10.712 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	19178	11.289 ug/l	100
87) 1,2,4-Trichlorobenzene	13.49	180	155051	12.867 ug/l	100
88) Hexachlorobutadiene	13.68	225	82790	10.591 ug/l	100
89) Naphthalene	13.73	128	300754	14.862 ug/l	100
90) 1,2,3-Trichlorobenzene	13.97	180	147780	12.611 ug/l	100

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

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