Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027347.D
Acq On : 02 Oct 2018 16:59
Operator : MD/SY
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 02:25:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 02:08:26 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICCC010

Manual Integrations APPROVED
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10/5/2018 11:56:30 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	22004	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	8719	1.12	ug/l	0.00
Spiked Amount 1.000			Recovery = 112.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	7828	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	74667	12.284	ug/l	100
3) Chloromethane	1.33	50	85951	11.376	ug/l	100
4) Vinyl Chloride	1.40	62	86755	12.032	ug/l	100
5) Bromomethane	1.63	94	37999	7.832	ug/l	100
6) Chloroethane	1.70	64	53572	13.038	ug/l	100
7) Trichlorofluoromethane	1.89	101	100068	11.622	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	58743	11.702	ug/l	100
9) 1,1-Dichloroethene	2.29	96	48561	10.311	ug/l	100
10) Iodomethane	2.41	142	64888	16.367	ug/l	100
11) Allyl Chloride	2.59	41	125824	13.979	ug/l	100
12) Acrylonitrile	2.94	53	33380	27.206	ug/l	100
13) Acetone	2.32	43	71572	64.283	ug/l	100
14) Carbon Disulfide	2.48	76	151275	11.061	ug/l	100
15) Methylene Chloride	2.70	84	63422	11.089	ug/l	100
16) trans-1,2-Dichloroethene	2.98	96	57015	11.310	ug/l	100
17) 1,1-Dichloroethane	3.45	63	139478	13.016	ug/l	100
18) 2-Butanone	4.29	43	122697	67.917	ug/l	100
19) Cyclohexane	4.98	56	105078	11.798	ug/l	100
20) Methylcyclohexane	6.41	83	98796	10.249	ug/l	100
21) 2,2-Dichloropropane	4.23	77	113208	13.950	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	66923	10.682	ug/l	100
23) Diethyl Ether	2.11	59	52729	12.731	ug/l	100
24) tert-Butyl Alcohol	2.85	59	58165	116.535	ug/l	100
25) Methyl tert-Butyl Ether	3.01	73	169133	13.018	ug/l	100
26) Bromochloromethane	4.55	128	25373	9.575	ug/l	100
27) Chloroform	4.67	83	124944	11.410	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	103007	12.013	ug/l	100
29) 1,1-Dichloropropene	5.13	75	91404	10.950	ug/l	100
30) Carbon Tetrachloride	5.13	117	86703	12.167	ug/l	100
31) Isopropyl Ether	3.58	45	259990	13.639	ug/l	100
32) Ethyl-t-butyl ether	4.08	59	208609	12.918	ug/l	100
33) Tert-Amyl methyl ether	5.59	73	157804	11.955	ug/l	100
34) Propionitrile	4.34	54	34319	66.337	ug/l	100
35) Benzene	5.39	78	270555	11.164	ug/l	100
36) 1,2-Dichloroethane	5.41	62	90549	12.960	ug/l	100
37) Trichloroethene	6.18	130	59553	9.301	ug/l	100
38) 1,2-Dichloropropane	6.44	63	81624	12.656	ug/l	100
39) Methacrylonitrile	4.56	41	32686	14.231	ug/l	100
40) Methyl acrylate	4.44	55	42985	13.194	ug/l	100
41) Tetrahydrofuran	4.67	42	32471	25.809	ug/l	100
42) 1-Chlorobutane	5.06	56	153003	12.515	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	35911	12.407 ug/l	100
44) Bromodichloromethane	6.76	83	94174	13.357 ug/l	100
45) 4-Methyl-2-Pentanone	7.48	43	281598	67.921 ug/l	100
46) t-1,4-Dichloro-2-butene	10.52	75	34459m	31.574 ug/l	
47) Methyl methacrylate	6.64	69	71218	24.727 ug/l	100
48) Ethyl methacrylate	8.03	69	66297	12.460 ug/l	100
49) Toluene	7.64	92	158265	11.112 ug/l	100
50) t-1,3-Dichloropropene	7.88	75	87142	14.278 ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	102317	13.266 ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	48571	11.298 ug/l	100
53) 1,3-Dichloropropane	8.25	76	94192	12.313 ug/l	100
54) 2-Hexanone	8.38	43	199123	69.495 ug/l	100
55) Dibromochloromethane	8.48	129	55411	13.181 ug/l	100
56) 1,2-Dibromoethane	8.59	107	43493	11.317 ug/l	100
58) Tetrachloroethene	8.23	164	55041	8.139 ug/l	100
59) Chlorobenzene	9.12	112	162752	10.687 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	61048	11.855 ug/l	100
61) Pentachloroethane	11.10	117	50184	14.709 ug/l	100
62) Hexachloroethane	12.15	117	50076	14.420 ug/l	100
63) Ethyl Benzene	9.25	91	299651	11.267 ug/l	100
64) m/p-Xylenes	9.38	106	229910	22.744 ug/l	100
65) o-Xylene	9.78	106	108779	11.139 ug/l	100
66) Styrene	9.79	104	195483	12.001 ug/l	100
67) Bromoform	9.96	173	29972	12.721 ug/l	100
69) Isopropylbenzene	10.17	105	289718	11.309 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	66636	12.994 ug/l	100
71) 1,2,3-Trichloropropane	10.50	75	52084m	12.368 ug/l	
72) Bromobenzene	10.45	156	63949	9.982 ug/l	100
73) n-propylbenzene	10.59	120	80338	11.374 ug/l	100
74) 2-Chlorotoluene	10.66	126	69858	11.117 ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	261214	11.976 ug/l	100
76) 4-Chlorotoluene	10.77	126	72918	11.254 ug/l	100
77) tert-Butylbenzene	11.10	119	239490	11.651 ug/l	100
78) 1,2,4-Trimethylbenzene	11.15	105	270089	12.007 ug/l	100
79) sec-Butylbenzene	11.32	105	341157	11.789 ug/l	100
80) Nitrobenzene	12.86	77	14608	89.185 ug/l	100
81) p-Isopropyltoluene	11.48	119	281668	11.801 ug/l	100
82) 1,3-Dichlorobenzene	11.42	146	137688	10.791 ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	138806	10.863 ug/l	100
84) n-Butylbenzene	11.89	91	286192	12.441 ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	127934	10.743 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	10553	14.125 ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	84246	10.592 ug/l	100
88) Hexachlorobutadiene	13.69	225	52191	10.525 ug/l	100
89) Naphthalene	13.75	128	158332	12.385 ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	83849	11.119 ug/l	100

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

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