Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020819\
Data File : VU029386.D
Acq On : 08 Feb 2019 19:58
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 09 04:06:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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2/18/2019 12:16:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	53417	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	22199	1.06	ug/l		0.00
Spiked Amount 1.000			Recovery = 106.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	24036	1.12	ug/l		0.00
Spiked Amount 1.000			Recovery = 112.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	189566	9.509	ug/l		100
3) Chloromethane	1.33	50	163921	8.998	ug/l		97
4) Vinyl Chloride	1.40	62	208467	9.762	ug/l		99
5) Bromomethane	1.62	94	124907	10.515	ug/l		96
6) Chloroethane	1.70	64	128369	10.289	ug/l		98
7) Trichlorofluoromethane	1.88	101	324055	10.866	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	174162	11.060	ug/l		88
9) 1,1-Dichloroethene	2.28	96	169867	11.023	ug/l		70
10) Iodomethane	2.41	142	244182	10.570	ug/l	#	78
11) Allyl Chloride	2.59	41	245619	9.505	ug/l		93
12) Acrylonitrile	2.94	53	69300	20.065	ug/l		96
13) Acetone	2.32	43	140192	42.118	ug/l	#	83
14) Carbon Disulfide	2.48	76	559648	10.286	ug/l		99
15) Methylene Chloride	2.70	84	187672	10.044	ug/l	#	77
16) trans-1,2-Dichloroethene	2.98	96	191207	11.096	ug/l	#	77
17) 1,1-Dichloroethane	3.44	63	336707	12.330	ug/l		96
18) 2-Butanone	4.27	43	178595	48.006	ug/l		98
19) Cyclohexane	4.99	56	195608	7.726	ug/l	#	81
20) Methylcyclohexane	6.41	83	266934	10.038	ug/l	#	83
21) 2,2-Dichloropropane	4.22	77	233897	9.254	ug/l	#	90
22) cis-1,2-Dichloroethene	4.22	96	180160	11.098	ug/l		75
23) Diethyl Ether	2.10	59	126361	10.212	ug/l		87
24) tert-Butyl Alcohol	2.83	59	131280	102.087	ug/l		97
25) Methyl tert-Butyl Ether	3.00	73	459994	10.602	ug/l	#	86
26) Bromochloromethane	4.55	128	80566	11.236	ug/l		71
27) Chloroform	4.67	83	286965	10.806	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	264343	10.739	ug/l		94
29) 1,1-Dichloropropene	5.13	75	221025	10.344	ug/l		91
30) Carbon Tetrachloride	5.13	117	244852	10.988	ug/l		99
31) Isopropyl Ether	3.58	45	396602	9.625	ug/l		89
32) Ethyl-t-butyl ether	4.07	59	406373	9.842	ug/l	#	86
33) Tert-Amyl methyl ether	5.58	73	388404	10.403	ug/l		99
34) Propionitrile	4.33	54	51522	52.688	ug/l	#	91
35) Benzene	5.39	78	621851	10.524	ug/l		100
36) 1,2-Dichloroethane	5.40	62	178060	9.963	ug/l	#	89
37) Trichloroethene	6.18	130	197343	11.638	ug/l		83
38) 1,2-Dichloropropane	6.43	63	156141	10.158	ug/l		100
39) Methacrylonitrile	4.55	41	46309	9.247	ug/l	#	86
40) Methyl acrylate	4.42	55	75918	10.043	ug/l	#	91
41) Tetrahydrofuran	4.65	42	46333	18.368	ug/l	#	80
42) 1-Chlorobutane	5.06	56	283202	9.892	ug/l		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	86451	10.554	ug/l	#	89
44) Bromodichloromethane	6.76	83	217911	10.440	ug/l		94
45) 4-Methyl-2-Pentanone	7.46	43	458015	47.697	ug/l	#	88
46) t-1,4-Dichloro-2-butene	10.51	75	88406m	18.897	ug/l		
47) Methyl methacrylate	6.62	69	156151	21.666	ug/l	#	71
48) Ethyl methacrylate	8.02	69	163622	10.582	ug/l		76
49) Toluene	7.63	92	415030	10.976	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	206799	10.107	ug/l		95
51) cis-1,3-Dichloropropene	7.27	75	251864	10.362	ug/l	#	85
52) 1,1,2-Trichloroethane	8.06	97	119273	10.998	ug/l		98
53) 1,3-Dichloropropane	8.24	76	200644	10.532	ug/l		98
54) 2-Hexanone	8.36	43	321607	47.780	ug/l		86
55) Dibromochloromethane	8.48	129	171902	11.152	ug/l		99
56) 1,2-Dibromoethane	8.58	107	118376	10.639	ug/l		100
58) Tetrachloroethene	8.22	164	189313	11.998	ug/l		93
59) Chlorobenzene	9.12	112	486869	11.430	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	179569	11.409	ug/l		98
61) Pentachloroethane	11.10	117	137418	11.265	ug/l		84
62) Hexachloroethane	12.14	117	147778	11.099	ug/l		91
63) Ethyl Benzene	9.25	91	807828	10.921	ug/l		93
64) m/p-Xylenes	9.37	106	655244	22.793	ug/l		85
65) o-Xylene	9.78	106	318466	11.286	ug/l		87
66) Styrene	9.79	104	536288	11.401	ug/l		92
67) Bromoform	9.96	173	107891	11.251	ug/l		99
69) Isopropylbenzene	10.16	105	846693	11.231	ug/l		94
70) 1,1,2,2-Tetrachloroethane	10.46	83	148767	10.703	ug/l		96
71) 1,2,3-Trichloropropane	10.49	75	106239m	11.130	ug/l		
72) Bromobenzene	10.45	156	224365	12.278	ug/l		81
73) n-propylbenzene	10.58	120	242889	11.567	ug/l		78
74) 2-Chlorotoluene	10.66	126	207180	11.587	ug/l		75
75) 1,3,5-Trimethylbenzene	10.77	105	717183	11.034	ug/l		94
76) 4-Chlorotoluene	10.77	126	218384	11.768	ug/l		73
77) tert-Butylbenzene	11.10	119	733660	11.419	ug/l		90
78) 1,2,4-Trimethylbenzene	11.14	105	736712	11.196	ug/l		95
79) sec-Butylbenzene	11.32	105	942357	11.210	ug/l		94
80) Nitrobenzene	12.86	77	24216	39.103	ug/l	#	91
81) p-Isopropyltoluene	11.47	119	814771	11.434	ug/l		93
82) 1,3-Dichlorobenzene	11.41	146	430391	12.005	ug/l		96
83) 1,4-Dichlorobenzene	11.50	146	429134	12.019	ug/l		96
84) n-Butylbenzene	11.89	91	723172	11.059	ug/l	#	95
85) 1,2-Dichlorobenzene	11.88	146	406287	11.986	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	25624	9.878	ug/l	#	55
87) 1,2,4-Trichlorobenzene	13.50	180	308346	12.950	ug/l		98
88) Hexachlorobutadiene	13.69	225	175056	12.695	ug/l		99
89) Naphthalene	13.74	128	497088	12.310	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	272369	12.517	ug/l		97

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

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