Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080318\
Data File : VU025817.D
Acq On : 03 Aug 2018 14:15
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 05:48:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 27 15:10:58 2018
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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8/6/2018 5:38:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	33681	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	13625	1.09	ug/l		0.00
Spiked Amount 1.000			Recovery = 109.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	13559	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	117646	9.80	ug/l		98
3) Chloromethane	1.33	50	101989	8.98	ug/l		97
4) Vinyl Chloride	1.40	62	106495	10.13	ug/l		98
5) Bromomethane	1.63	94	49769	9.72	ug/l		99
6) Chloroethane	1.70	64	63305	10.04	ug/l		99
7) Trichlorofluoromethane	1.89	101	156454	10.21	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	86292	10.25	ug/l		99
9) 1,1-Dichloroethene	2.28	96	73458	9.89	ug/l		95
10) Iodomethane	2.41	142	57990	8.19	ug/l		96
11) Allyl Chloride	2.59	41	127140	10.24	ug/l		85
12) Acrylonitrile	2.94	53	31334	19.14	ug/l		94
13) Acetone	2.33	43	68167	47.88	ug/l		96
14) Carbon Disulfide	2.48	76	250099	9.85	ug/l		99
15) Methylene Chloride	2.70	84	81243	9.18	ug/l		96
16) trans-1,2-Dichloroethene	2.98	96	84870	10.19	ug/l		92
17) 1,1-Dichloroethane	3.45	63	163729	9.91	ug/l		99
18) 2-Butanone	4.29	43	124334	50.33	ug/l		99
19) Cyclohexane	4.99	56	131310	10.31	ug/l		87
20) Methylcyclohexane	6.42	83	156427	10.01	ug/l		94
21) 2,2-Dichloropropane	4.23	77	158349	10.06	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	105068	10.02	ug/l		96
23) Diethyl Ether	2.10	59	56773	10.09	ug/l		97
24) tert-Butyl Alcohol	2.85	59	64647	97.85	ug/l	#	79
25) Methyl tert-Butyl Ether	3.01	73	198462	9.88	ug/l		98
26) Bromochloromethane	4.55	128	46442	10.06	ug/l		83
27) Chloroform	4.68	83	184958	10.19	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	166742	10.19	ug/l		98
29) 1,1-Dichloropropene	5.14	75	137327	10.23	ug/l		97
30) Carbon Tetrachloride	5.13	117	154614	10.40	ug/l		99
31) Isopropyl Ether	3.58	45	271142	10.25	ug/l		95
32) Ethyl-t-butyl ether	4.08	59	253067	10.07	ug/l		93
33) Tert-Amyl methyl ether	5.59	73	220468	9.93	ug/l		97
34) Propionitrile	4.35	54	33869	49.34	ug/l	#	93
35) Benzene	5.39	78	387701	10.33	ug/l		99
36) 1,2-Dichloroethane	5.41	62	119118	10.34	ug/l		97
37) Trichloroethene	6.19	130	108769	9.84	ug/l		100
38) 1,2-Dichloropropane	6.44	63	99563	10.23	ug/l		98
39) Methacrylonitrile	4.56	41	31786	10.06	ug/l		93
40) Methyl acrylate	4.43	55	46421	9.74	ug/l	#	95
41) Tetrahydrofuran	4.66	42	32214	17.25	ug/l		94
42) 1-Chlorobutane	5.07	56	188117	10.28	ug/l		99

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Quant Time: Aug 04 05:48:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 27 15:10:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	52573	10.34	ug/l		99
44) Bromodichloromethane	6.76	83	135285	10.50	ug/l		99
45) 4-Methyl-2-Pentanone	7.47	43	287844	50.78	ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	42795m	17.92	ug/l		
47) Methyl methacrylate	6.63	69	87887	20.68	ug/l		94
48) Ethyl methacrylate	8.02	69	87273	10.22	ug/l		100
49) Toluene	7.64	92	242462	10.57	ug/l		100
50) t-1,3-Dichloropropene	7.88	75	123297	10.60	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	143317	10.29	ug/l		96
52) 1,1,2-Trichloroethane	8.07	97	67938	9.97	ug/l		95
53) 1,3-Dichloropropane	8.25	76	120028	10.43	ug/l		99
54) 2-Hexanone	8.37	43	201379	50.30	ug/l		99
55) Dibromochloromethane	8.48	129	93003	10.73	ug/l		100
56) 1,2-Dibromoethane	8.59	107	68150	10.33	ug/l		99
58) Tetrachloroethene	8.23	164	106502	10.72	ug/l		99
59) Chlorobenzene	9.12	112	270534	10.26	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.21	131	103341	10.55	ug/l		99
61) Pentachloroethane	11.10	117	76160	10.19	ug/l		96
62) Hexachloroethane	12.15	117	80597	10.56	ug/l		98
63) Ethyl Benzene	9.25	91	465483	10.61	ug/l		98
64) m/p-Xylenes	9.38	106	372296	21.59	ug/l		97
65) o-Xylene	9.78	106	175838	10.70	ug/l		98
66) Styrene	9.80	104	299263	10.72	ug/l		99
67) Bromoform	9.96	173	53381	10.44	ug/l		97
69) Isopropylbenzene	10.17	105	468478	10.55	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	84614	9.88	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	55659	8.34	ug/l	#	91
72) Bromobenzene	10.45	156	118113	10.25	ug/l		96
73) n-propylbenzene	10.59	120	135207	10.81	ug/l		94
74) 2-Chlorotoluene	10.66	126	117463	10.67	ug/l		88
75) 1,3,5-Trimethylbenzene	10.78	105	419973	10.83	ug/l		100
76) 4-Chlorotoluene	10.78	126	122740	10.60	ug/l		96
77) tert-Butylbenzene	11.10	119	401389	10.50	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	434120	10.97	ug/l		99
79) sec-Butylbenzene	11.33	105	536885	10.69	ug/l		98
80) Nitrobenzene	12.87	77	14950	57.36	ug/l		98
81) p-Isopropyltoluene	11.48	119	463263	10.88	ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	245967	10.37	ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	244191	10.56	ug/l		99
84) n-Butylbenzene	11.89	91	430117	10.76	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	224100	10.35	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	15369	10.88	ug/l		99
87) 1,2,4-Trichlorobenzene	13.51	180	157705	10.46	ug/l		99
88) Hexachlorobutadiene	13.70	225	89231	9.63	ug/l		99
89) Naphthalene	13.74	128	254855	10.42	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	145437	10.56	ug/l		99

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

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