Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030920\
Data File : VU037130.D
Acq On : 09 Mar 2020 12:58
Operator : JC/MD
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 09 15:40:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Mar 09 15:28:09 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
sam
3/10/2020 3:06:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.15	96	15512	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.65	95	6317	1.08	ug/l		0.00
Spiked Amount 1.000			Recovery = 108.00%				
68) 1,2-Dichlorobenzene-d4	12.21	152	6243	1.04	ug/l		0.00
Spiked Amount 1.000			Recovery = 104.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	7561	1.475	ug/l		99
3) Chloromethane	1.54	50	7561	1.375	ug/l		94
4) Vinyl Chloride	1.62	62	6500	1.044	ug/l		99
5) Bromomethane	1.87	94	2083	0.538	ug/l		92
6) Chloroethane	1.95	64	3263	0.885	ug/l		97
7) Trichlorofluoromethane	2.16	101	8257	1.342	ug/l		94
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	3889	1.015	ug/l		96
9) 1,1-Dichloroethene	2.61	96	3517	0.862	ug/l		76
10) Iodomethane	2.75	142	970	0.222	ug/l	#	68
11) Allyl Chloride	2.95	41	7186m	1.274	ug/l		
12) Acrylonitrile	3.37	53	1700m	1.699	ug/l		
13) Acetone	2.67	43	5509	6.755	ug/l	#	78
14) Carbon Disulfide	2.82	76	12204	0.864	ug/l		98
15) Methylene Chloride	3.08	84	5295	0.986	ug/l		86
16) trans-1,2-Dichloroethene	3.39	96	3908	0.869	ug/l	#	81
17) 1,1-Dichloroethane	3.91	63	8929	1.218	ug/l		96
18) 2-Butanone	4.78	43	7432	6.919	ug/l		98
19) Cyclohexane	5.42	56	7418m	1.107	ug/l		
20) Methylcyclohexane	6.79	83	7190	0.961	ug/l	#	86
21) 2,2-Dichloropropane	4.70	77	8537	1.364	ug/l		91
22) cis-1,2-Dichloroethene	4.71	96	4962	1.063	ug/l		80
23) Diethyl Ether	2.40	59	3135	0.995	ug/l	#	85
24) tert-Butyl Alcohol	3.28	59	3720m	13.210	ug/l		
25) Methyl tert-Butyl Ether	3.41	73	10816	1.012	ug/l	#	62
26) Bromochloromethane	5.01	128	2165	1.071	ug/l		79
27) Chloroform	5.13	83	9902	1.365	ug/l		98
28) 1,1,1-Trichloroethane	5.36	97	8508	1.399	ug/l		97
29) 1,1-Dichloropropene	5.56	75	6198	1.044	ug/l		96
30) Carbon Tetrachloride	5.56	117	6754	1.297	ug/l		95
31) Isopropyl Ether	4.05	45	13696	1.230	ug/l		83
32) Ethyl-t-butyl ether	4.56	59	12996	1.116	ug/l		94
33) Tert-Amyl methyl ether	5.98	73	11444	1.073	ug/l		96
34) Propionitrile	4.86	54	2011	6.495	ug/l	#	77
35) Benzene	5.81	78	18576	1.081	ug/l		92
36) 1,2-Dichloroethane	5.84	62	6923	1.496	ug/l	#	93
37) Trichloroethene	6.57	130	5149	1.085	ug/l		89
38) 1,2-Dichloropropane	6.82	63	5214	1.207	ug/l		90
39) Methacrylonitrile	5.03	41	1734	1.333	ug/l	#	76
40) Methyl acrylate	4.90	55	2593	1.257	ug/l	#	81
41) Tetrahydrofuran	5.12	42	1888	2.663	ug/l	#	65
42) 1-Chlorobutane	5.49	56	9460	1.230	ug/l		78

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Quant Time: Mar 09 15:40:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Mar 09 15:28:09 2020
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.95	93	2736	1.213 ug/l		91
44) Bromodichloromethane	7.14	83	6713	1.258 ug/l		97
45) 4-Methyl-2-Pentanone	7.83	43	17516	6.893 ug/l	#	85
46) t-1,4-Dichloro-2-butene	10.86	75	1405m	1.255 ug/l		
47) Methyl methacrylate	7.00	69	4208	1.904 ug/l	#	66
48) Ethyl methacrylate	8.37	69	4154	0.973 ug/l		62
49) Toluene	8.00	92	10721	0.977 ug/l		96
50) t-1,3-Dichloropropene	8.24	75	6167	1.160 ug/l		92
51) cis-1,3-Dichloropropene	7.64	75	6916	1.073 ug/l	#	77
52) 1,1,2-Trichloroethane	8.43	97	3703	1.157 ug/l		96
53) 1,3-Dichloropropane	8.60	76	6435	1.173 ug/l		98
54) 2-Hexanone	8.72	43	11920	6.688 ug/l		84
55) Dibromochloromethane	8.84	129	4151	1.127 ug/l		96
56) 1,2-Dibromoethane	8.95	107	3241	1.052 ug/l		99
58) Tetrachloroethene	8.58	164	4803	1.013 ug/l		96
59) Chlorobenzene	9.47	112	12580	1.029 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.56	131	4614	1.182 ug/l		92
61) Pentachloroethane	11.44	117	3488	1.385 ug/l		92
62) Hexachloroethane	12.49	117	3645	1.136 ug/l	#	79
63) Ethyl Benzene	9.59	91	20204	0.986 ug/l		97
64) m/p-Xylenes	9.72	106	15154	1.869 ug/l		93
65) o-Xylene	10.12	106	7417	0.945 ug/l		92
66) Styrene	10.14	104	11398	0.867 ug/l	#	92
67) Bromoform	10.31	173	2148	1.018 ug/l	#	96
69) Isopropylbenzene	10.50	105	19736	0.957 ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.80	83	4728	1.171 ug/l	#	95
71) 1,2,3-Trichloropropane	10.85	75	4124m	1.431 ug/l		
72) Bromobenzene	10.80	156	5064	1.019 ug/l		90
73) n-propylbenzene	10.92	120	5195	0.898 ug/l		75
74) 2-Chlorotoluene	11.01	126	4726	0.951 ug/l		80
75) 1,3,5-Trimethylbenzene	11.11	105	17284	0.977 ug/l		91
76) 4-Chlorotoluene	11.12	126	4738	0.923 ug/l		75
77) tert-Butylbenzene	11.44	119	16734	0.998 ug/l		95
78) 1,2,4-Trimethylbenzene	11.48	105	16389	0.899 ug/l		95
79) sec-Butylbenzene	11.66	105	22411	0.964 ug/l		95
81) p-Isopropyltoluene	11.81	119	16980	0.874 ug/l		93
82) 1,3-Dichlorobenzene	11.76	146	9809	0.987 ug/l		98
83) 1,4-Dichlorobenzene	11.86	146	9866	0.993 ug/l		97
84) n-Butylbenzene	12.23	91	15921	0.886 ug/l		93
85) 1,2-Dichlorobenzene	12.23	146	9762	1.026 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	13.02	75	795	1.163 ug/l	#	67
87) 1,2,4-Trichlorobenzene	13.88	180	4125	0.678 ug/l		98
88) Hexachlorobutadiene	14.06	225	2879	0.863 ug/l		98
89) Naphthalene	14.13	128	6005	0.573 ug/l		98
90) 1,2,3-Trichlorobenzene	14.37	180	4324	0.756 ug/l		95

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

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