Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080520\
Data File : VU039744.D
Acq On : 05 Aug 2020 11:51
Operator : SY/MD
Sample : VU0804WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0804WBS01

Quant Time: Aug 06 01:54:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 07:12:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.13	96	22592	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	8270	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	7362	0.85	ug/l		0.00
Spiked Amount 1.000			Recovery = 85.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	14036	1.788	ug/l		97
3) Chloromethane	1.53	50	20076	2.059	ug/l		99
4) Vinyl Chloride	1.61	62	18518	2.060	ug/l		98
5) Bromomethane	1.86	94	10681	1.738	ug/l		100
6) Chloroethane	1.94	64	13190	2.115	ug/l		98
7) Trichlorofluoromethane	2.14	101	25803	2.171	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12306	1.804	ug/l		98
9) 1,1-Dichloroethene	2.59	96	11612	1.850	ug/l		92
10) Iodomethane	2.73	142	13099	2.069	ug/l		97
11) Allyl Chloride	2.93	41	19959	1.474	ug/l		96
12) Acrylonitrile	3.34	53	7333	3.328	ug/l	#	90
13) Acetone	2.66	43	17153	8.274	ug/l		94
14) Carbon Disulfide	2.80	76	36515	1.586	ug/l		100
15) Methylene Chloride	3.06	84	16801	1.920	ug/l		98
16) trans-1,2-Dichloroethene	3.36	96	12517	1.754	ug/l		91
17) 1,1-Dichloroethane	3.89	63	27028	1.725	ug/l		99
18) 2-Butanone	4.74	43	25259	7.245	ug/l		98
19) Cyclohexane	5.40	56	22587m	1.489	ug/l		
20) Methylcyclohexane	6.77	83	20529	1.827	ug/l		95
21) 2,2-Dichloropropane	4.68	77	11699	0.915	ug/l		98
22) cis-1,2-Dichloroethene	4.68	96	13426	1.745	ug/l		90
23) Diethyl Ether	2.39	59	13930	2.170	ug/l		97
24) tert-Butyl Alcohol	3.25	59	10948m	6.537	ug/l		
25) Methyl tert-Butyl Ether	3.38	73	33442	1.633	ug/l		99
26) Bromochloromethane	4.99	128	5709	1.814	ug/l		92
27) Chloroform	5.11	83	25533	1.741	ug/l		100
28) 1,1,1-Trichloroethane	5.33	97	20714	1.745	ug/l		98
29) 1,1-Dichloropropene	5.54	75	18560	1.624	ug/l		97
30) Carbon Tetrachloride	5.54	117	16962	1.748	ug/l		99
31) Isopropyl Ether	4.02	45	46601	1.630	ug/l		98
32) Ethyl-t-butyl ether	4.52	59	39354	1.618	ug/l		99
33) Tert-Amyl methyl ether	5.96	73	32355	1.845	ug/l		99
34) Propionitrile	4.82	54	7295	8.482	ug/l	#	77
35) Benzene	5.79	78	55052	1.948	ug/l		99
36) 1,2-Dichloroethane	5.81	62	19699	1.859	ug/l		99
37) Trichloroethene	6.55	130	12553	1.941	ug/l		98
38) 1,2-Dichloropropane	6.80	63	15564	1.998	ug/l		93
39) Methacrylonitrile	5.00	41	6378	1.407	ug/l		97
40) Methyl acrylate	4.86	55	9834	1.683	ug/l	#	95
41) Tetrahydrofuran	5.09	42	6745	2.958	ug/l		93
42) 1-Chlorobutane	5.47	56	29513	1.645	ug/l		99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 07:12:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.93	93	7592	1.811 ug/l		97
44) Bromodichloromethane	7.11	83	18713	1.947 ug/l		99
45) 4-Methyl-2-Pentanone	7.80	43	58222	9.167 ug/l		97
46) t-1,4-Dichloro-2-butene	10.83	75	4609m	2.440 ug/l		
47) Methyl methacrylate	6.97	69	14936	3.820 ug/l		98
48) Ethyl methacrylate	8.34	69	12727	1.768 ug/l		99
49) Toluene	7.98	92	31388	1.865 ug/l		97
50) t-1,3-Dichloropropene	8.22	75	14495	1.674 ug/l		96
51) cis-1,3-Dichloropropene	7.62	75	17620	1.732 ug/l		97
52) 1,1,2-Trichloroethane	8.41	97	10022	1.840 ug/l		94
53) 1,3-Dichloropropane	8.58	76	20245	1.936 ug/l		99
54) 2-Hexanone	8.69	43	40921	8.999 ug/l		97
55) Dibromochloromethane	8.82	129	10815	1.849 ug/l		100
56) 1,2-Dibromoethane	8.93	107	9080	1.730 ug/l		98
58) Tetrachloroethene	8.56	164	11178	1.974 ug/l		93
59) Chlorobenzene	9.45	112	31515	1.811 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.54	131	10753	1.833 ug/l		98
61) Pentachloroethane	11.43	117	8193	1.590 ug/l		92
62) Hexachloroethane	12.47	117	7904	1.673 ug/l		96
63) Ethyl Benzene	9.57	91	55032	1.765 ug/l		99
64) m/p-Xylenes	9.70	106	41720	3.425 ug/l		96
65) o-Xylene	10.10	106	20729	1.792 ug/l		97
66) Styrene	10.11	104	32936	1.662 ug/l		97
67) Bromoform	10.29	173	5218	1.749 ug/l	#	95
69) Isopropylbenzene	10.48	105	51911	1.680 ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.78	83	14188	1.809 ug/l		98
71) 1,2,3-Trichloropropane	10.83	75	10223m	1.731 ug/l		
72) Bromobenzene	10.78	156	11854	1.689 ug/l		94
73) n-propylbenzene	10.91	120	14632	1.684 ug/l		98
74) 2-Chlorotoluene	10.99	126	12411	1.691 ug/l		93
75) 1,3,5-Trimethylbenzene	11.09	105	45575	1.706 ug/l		98
76) 4-Chlorotoluene	11.10	126	13448	1.769 ug/l		99
77) tert-Butylbenzene	11.42	119	42506	1.659 ug/l		98
78) 1,2,4-Trimethylbenzene	11.46	105	46992	1.716 ug/l		99
79) sec-Butylbenzene	11.64	105	60250	1.652 ug/l		100
80) Nitrobenzene	13.20	77	995	7.499 ug/l	#	73
81) p-Isopropyltoluene	11.79	119	47582	1.619 ug/l		98
82) 1,3-Dichlorobenzene	11.74	146	25575	1.694 ug/l		98
83) 1,4-Dichlorobenzene	11.83	146	25739	1.694 ug/l		98
84) n-Butylbenzene	12.20	91	49033	1.571 ug/l		96
85) 1,2-Dichlorobenzene	12.21	146	23621	1.623 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2287	1.731 ug/l		89
87) 1,2,4-Trichlorobenzene	13.83	180	12760	1.402 ug/l		96
88) Hexachlorobutadiene	14.01	225	6598	1.596 ug/l		98
89) Naphthalene	14.08	128	26025	1.336 ug/l		100
90) 1,2,3-Trichlorobenzene	14.32	180	12614	1.468 ug/l		99

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

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