Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027343.D
Acq On : 02 Oct 2018 15:14
Operator : MD/SY
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

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apatel
10/5/2018 11:56:12 AM

Quant Time: Oct 03 02:42:30 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	21955	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	8095	1.04	ug/l		0.00
Spiked Amount 1.000			Recovery = 104.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	6416	0.83	ug/l		0.00
Spiked Amount 1.000			Recovery = 83.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	3410	0.562	ug/l		95
3) Chloromethane	1.33	50	3883	0.515	ug/l		95
4) Vinyl Chloride	1.40	62	4143	0.576	ug/l		94
5) Bromomethane	1.63	94	1478	0.305	ug/l		99
6) Chloroethane	1.70	64	5801m	1.415	ug/l		
7) Trichlorofluoromethane	1.89	101	4748	0.553	ug/l		99
8) 1,1,2-Trichloro-1,2,2-trif	2.30	101	2920	0.583	ug/l		99
9) 1,1-Dichloroethene	2.29	96	2477	0.527	ug/l		92
10) Iodomethane	2.41	142	2016	0.510	ug/l		96
11) Allyl Chloride	2.60	41	6737	0.750	ug/l		100
12) Acrylonitrile	2.94	53	1720	1.405	ug/l		98
13) Acetone	2.33	43	5403	4.864	ug/l		94
14) Carbon Disulfide	2.48	76	7666	0.562	ug/l		96
15) Methylene Chloride	2.70	84	4854	0.851	ug/l		95
16) trans-1,2-Dichloroethene	2.98	96	2811	0.559	ug/l		98
17) 1,1-Dichloroethane	3.45	63	6492	0.607	ug/l	#	95
18) 2-Butanone	4.29	43	6797	3.771	ug/l		97
19) Cyclohexane	4.99	56	4883	0.549	ug/l	#	90
20) Methylcyclohexane	6.41	83	4454	0.463	ug/l		91
21) 2,2-Dichloropropane	4.23	77	6512	0.804	ug/l	#	71
22) cis-1,2-Dichloroethene	4.23	96	3553	0.568	ug/l		94
23) Diethyl Ether	2.11	59	2597	0.628	ug/l		94
24) tert-Butyl Alcohol	2.85	59	3190	6.406	ug/l	#	93
25) Methyl tert-Butyl Ether	3.01	73	7810	0.602	ug/l	#	75
26) Bromochloromethane	4.55	128	1150	0.435	ug/l		89
27) Chloroform	4.67	83	5902	0.540	ug/l		89
28) 1,1,1-Trichloroethane	4.91	97	4967	0.581	ug/l		98
29) 1,1-Dichloropropene	5.13	75	4293	0.515	ug/l	#	90
30) Carbon Tetrachloride	5.13	117	3863	0.543	ug/l		98
31) Isopropyl Ether	3.58	45	13405	0.705	ug/l		97
32) Ethyl-t-butyl ether	4.08	59	9735	0.604	ug/l		99
33) Tert-Amyl methyl ether	5.59	73	7803	0.592	ug/l		98
34) Propionitrile	4.34	54	1694	3.282	ug/l	#	78
35) Benzene	5.39	78	13176	0.545	ug/l		100
36) 1,2-Dichloroethane	5.41	62	4097	0.588	ug/l	#	92
37) Trichloroethene	6.19	130	2781	0.435	ug/l		98
38) 1,2-Dichloropropane	6.44	63	3968	0.617	ug/l		93
39) Methacrylonitrile	4.56	41	1877	0.819	ug/l	#	74
40) Methyl acrylate	4.43	55	2314	0.712	ug/l	#	72
41) Tetrahydrofuran	4.66	42	2357	1.878	ug/l	#	77
42) 1-Chlorobutane	5.06	56	7272	0.596	ug/l		95

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Quant Time: Oct 03 02:42:30 2018
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 02:08:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	1613	0.559	ug/l		99
44) Bromodichloromethane	6.76	83	4394	0.625	ug/l		95
45) 4-Methyl-2-Pentanone	7.48	43	11891	2.874	ug/l		97
46) t-1,4-Dichloro-2-butene	10.52	75	1425m	1.309	ug/l		
47) Methyl methacrylate	6.64	69	3330	1.159	ug/l		94
48) Ethyl methacrylate	8.03	69	2635	0.496	ug/l		95
49) Toluene	7.64	92	6795	0.478	ug/l		99
50) t-1,3-Dichloropropene	7.89	75	3646	0.599	ug/l	#	84
51) cis-1,3-Dichloropropene	7.27	75	4551	0.591	ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	2201	0.513	ug/l		99
53) 1,3-Dichloropropane	8.25	76	4274	0.560	ug/l		99
54) 2-Hexanone	8.38	43	8285	2.898	ug/l		91
55) Dibromochloromethane	8.48	129	2270	0.541	ug/l		96
56) 1,2-Dibromoethane	8.59	107	1962	0.512	ug/l		89
58) Tetrachloroethene	8.22	164	2406	0.357	ug/l		90
59) Chlorobenzene	9.12	112	6962	0.458	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	2705	0.526	ug/l		97
61) Pentachloroethane	11.11	117	2161	0.635	ug/l		88
62) Hexachloroethane	12.14	117	1973	0.569	ug/l		100
63) Ethyl Benzene	9.25	91	11281	0.425	ug/l		99
64) m/p-Xylenes	9.38	106	7713	0.765	ug/l		100
65) o-Xylene	9.78	106	3799	0.390	ug/l		93
66) Styrene	9.80	104	6290	0.387	ug/l		99
67) Bromoform	9.96	173	1249	0.531	ug/l	#	93
69) Isopropylbenzene	10.17	105	9617	0.376	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	2881	0.563	ug/l		95
71) 1,2,3-Trichloropropane	10.49	75	2148m	0.511	ug/l		
72) Bromobenzene	10.46	156	2594	0.406	ug/l		95
73) n-propylbenzene	10.59	120	2316	0.329	ug/l		84
74) 2-Chlorotoluene	10.66	126	2413	0.385	ug/l		91
75) 1,3,5-Trimethylbenzene	10.77	105	8208	0.377	ug/l		95
76) 4-Chlorotoluene	10.77	126	2251	0.348	ug/l		89
77) tert-Butylbenzene	11.10	119	7936	0.387	ug/l		94
78) 1,2,4-Trimethylbenzene	11.15	105	7617	0.339	ug/l		99
79) sec-Butylbenzene	11.32	105	9988	0.346	ug/l		96
80) Nitrobenzene	12.86	77	559	3.420	ug/l	#	45
81) p-Isopropyltoluene	11.48	119	7775	0.326	ug/l		97
82) 1,3-Dichlorobenzene	11.42	146	5095	0.400	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	5074	0.398	ug/l		98
84) n-Butylbenzene	11.89	91	8054	0.351	ug/l		94
85) 1,2-Dichlorobenzene	11.88	146	4698	0.395	ug/l		93
86) 1,2-Dibromo-3-Chloropropan	12.66	75	459	0.616	ug/l	#	78
87) 1,2,4-Trichlorobenzene	13.51	180	2867	0.361	ug/l		98
88) Hexachlorobutadiene	13.69	225	2112	0.427	ug/l		96
89) Naphthalene	13.75	128	5067	0.397	ug/l	#	92
90) 1,2,3-Trichlorobenzene	13.99	180	2948	0.392	ug/l		96

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

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