Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027345.D
Acq On : 02 Oct 2018 16:07
Operator : MD/SY
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
apatel
10/5/2018 11:56:19 AM

Quant Time: Oct 03 02:21:29 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	20960	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	7664	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	6697	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	14356	2.479	ug/l	100
3) Chloromethane	1.33	50	16887	2.346	ug/l	96
4) Vinyl Chloride	1.40	62	16675	2.428	ug/l	99
5) Bromomethane	1.63	94	7271	1.573	ug/l	93
6) Chloroethane	1.70	64	12354	3.156	ug/l	93
7) Trichlorofluoromethane	1.89	101	19765	2.410	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11387	2.381	ug/l	100
9) 1,1-Dichloroethene	2.29	96	9424	2.101	ug/l	96
10) Iodomethane	2.41	142	10224	2.707	ug/l	99
11) Allyl Chloride	2.59	41	24836	2.897	ug/l	99
12) Acrylonitrile	2.95	53	6693	5.727	ug/l	97
13) Acetone	2.33	43	15004	14.147	ug/l	95
14) Carbon Disulfide	2.48	76	29440	2.260	ug/l	99
15) Methylene Chloride	2.70	84	12515	2.297	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	11566	2.409	ug/l	96
17) 1,1-Dichloroethane	3.45	63	27720	2.716	ug/l	99
18) 2-Butanone	4.29	43	24111	14.011	ug/l	99
19) Cyclohexane	4.99	56	21159	2.494	ug/l	98
20) Methylcyclohexane	6.41	83	16772	1.827	ug/l	95
21) 2,2-Dichloropropane	4.23	77	23054	2.982	ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	13819	2.316	ug/l	97
23) Diethyl Ether	2.11	59	10326	2.617	ug/l	94
24) tert-Butyl Alcohol	2.85	59	11406	23.990	ug/l	100
25) Methyl tert-Butyl Ether	3.01	73	31557	2.550	ug/l	99
26) Bromochloromethane	4.55	128	5103	2.022	ug/l	96
27) Chloroform	4.67	83	24715	2.369	ug/l	94
28) 1,1,1-Trichloroethane	4.91	97	19380	2.373	ug/l	98
29) 1,1-Dichloropropene	5.13	75	18304	2.302	ug/l	96
30) Carbon Tetrachloride	5.13	117	16479	2.428	ug/l	98
31) Isopropyl Ether	3.58	45	50309	2.771	ug/l	97
32) Ethyl-t-butyl ether	4.09	59	39933	2.596	ug/l	97
33) Tert-Amyl methyl ether	5.59	73	32251	2.565	ug/l	99
34) Propionitrile	4.35	54	6511	13.212	ug/l #	93
35) Benzene	5.39	78	51448	2.229	ug/l	99
36) 1,2-Dichloroethane	5.41	62	17394	2.614	ug/l	98
37) Trichloroethene	6.18	130	11815	1.937	ug/l	95
38) 1,2-Dichloropropane	6.44	63	15513	2.525	ug/l	99
39) Methacrylonitrile	4.56	41	6965	3.183	ug/l	98
40) Methyl acrylate	4.44	55	8558	2.758	ug/l #	97
41) Tetrahydrofuran	4.67	42	6498	5.422	ug/l	99
42) 1-Chlorobutane	5.06	56	28527	2.450	ug/l	94

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Quant Time: Oct 03 02:21:29 2018
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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)
43) Dibromomethane	6.56	93	6465	2.345	ug/l		98
44) Bromodichloromethane	6.76	83	17722	2.639	ug/l		100
45) 4-Methyl-2-Pentanone	7.48	43	46568	11.792	ug/l		99
46) t-1,4-Dichloro-2-butene	10.52	75	5678m	5.462	ug/l		
47) Methyl methacrylate	6.64	69	11841	4.316	ug/l		98
48) Ethyl methacrylate	8.03	69	10224	2.017	ug/l		96
49) Toluene	7.64	92	26899	1.983	ug/l		94
50) t-1,3-Dichloropropene	7.88	75	15022	2.584	ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	18017	2.452	ug/l		97
52) 1,1,2-Trichloroethane	8.07	97	9044	2.209	ug/l		98
53) 1,3-Dichloropropane	8.25	76	17046	2.339	ug/l		98
54) 2-Hexanone	8.38	43	32364	11.858	ug/l		95
55) Dibromochloromethane	8.48	129	10311	2.575	ug/l		99
56) 1,2-Dibromoethane	8.59	107	8094	2.211	ug/l		97
58) Tetrachloroethene	8.23	164	10032	1.557	ug/l		94
59) Chlorobenzene	9.12	112	29068	2.004	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	11409	2.326	ug/l		99
61) Pentachloroethane	11.10	117	9414	2.897	ug/l		93
62) Hexachloroethane	12.15	117	8625	2.607	ug/l		97
63) Ethyl Benzene	9.25	91	46139	1.821	ug/l		98
64) m/p-Xylenes	9.38	106	35434	3.680	ug/l		98
65) o-Xylene	9.78	106	17066	1.835	ug/l		99
66) Styrene	9.79	104	28672	1.848	ug/l		99
67) Bromoform	9.96	173	5221	2.326	ug/l		99
69) Isopropylbenzene	10.17	105	43596	1.786	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	12516	2.562	ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	9157m	2.283	ug/l		
72) Bromobenzene	10.45	156	11216	1.838	ug/l		98
73) n-propylbenzene	10.59	120	11731	1.744	ug/l		94
74) 2-Chlorotoluene	10.66	126	10929	1.826	ug/l		91
75) 1,3,5-Trimethylbenzene	10.77	105	40145	1.932	ug/l		99
76) 4-Chlorotoluene	10.77	126	11677	1.892	ug/l		96
77) tert-Butylbenzene	11.10	119	37666	1.924	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	40781	1.903	ug/l		99
79) sec-Butylbenzene	11.32	105	52618	1.909	ug/l		100
80) Nitrobenzene	12.86	77	2555	16.376	ug/l	#	92
81) p-Isopropyltoluene	11.48	119	40734	1.792	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	24472	2.014	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	23830	1.958	ug/l		100
84) n-Butylbenzene	11.89	91	41198	1.880	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	22404	1.975	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1775	2.494	ug/l		95
87) 1,2,4-Trichlorobenzene	13.50	180	13379	1.766	ug/l		100
88) Hexachlorobutadiene	13.69	225	9316	1.972	ug/l		98
89) Naphthalene	13.75	128	22322	1.833	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	13389	1.864	ug/l		99

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

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