Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025627.D
Acq On : 25 Jul 2018 10:13
Operator : MD/SY
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
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7/26/2018 4:26:20 PM

Quant Time: Jul 25 12:00:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 11:50:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	36351	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	13015	1.10	ug/l		0.00
Spiked Amount 1.000			Recovery = 110.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	13991	1.21	ug/l		0.00
Spiked Amount 1.000			Recovery = 121.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	12557	1.064	ug/l		98
3) Chloromethane	1.33	50	11916	0.871	ug/l		99
4) Vinyl Chloride	1.41	62	10911	0.832	ug/l		98
5) Bromomethane	1.63	94	5675	0.809	ug/l		93
6) Chloroethane	1.70	64	6555	0.898	ug/l		92
7) Trichlorofluoromethane	1.89	101	16270	1.080	ug/l		94
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	8808	0.952	ug/l		97
9) 1,1-Dichloroethene	2.29	96	7893	0.919	ug/l		92
10) Iodomethane	2.41	142	3488	0.342	ug/l		94
11) Allyl Chloride	2.60	41	12410	0.786	ug/l	#	82
12) Acrylonitrile	2.94	53	3486	1.967	ug/l		98
13) Acetone	2.32	43	7195	4.783	ug/l		98
14) Carbon Disulfide	2.48	76	26392	0.934	ug/l		99
15) Methylene Chloride	2.71	84	9939	1.016	ug/l		93
16) trans-1,2-Dichloroethene	2.99	96	8748	0.951	ug/l		92
17) 1,1-Dichloroethane	3.45	63	16730	0.923	ug/l		98
18) 2-Butanone	4.28	43	12702	5.225	ug/l		95
19) Cyclohexane	4.99	56	13037	0.832	ug/l	#	84
20) Methylcyclohexane	6.42	83	15781	0.988	ug/l		97
21) 2,2-Dichloropropane	4.23	77	17058	1.187	ug/l		97
22) cis-1,2-Dichloroethene	4.23	96	10449	1.049	ug/l		96
23) Diethyl Ether	2.11	59	5665	0.807	ug/l		95
24) tert-Butyl Alcohol	2.84	59	7521	14.204	ug/l	#	79
25) Methyl tert-Butyl Ether	3.01	73	20912	0.969	ug/l		98
26) Bromochloromethane	4.56	128	4853	1.233	ug/l		78
27) Chloroform	4.68	83	19020	1.114	ug/l		98
28) 1,1,1-Trichloroethane	4.92	97	17843	1.274	ug/l	#	72
29) 1,1-Dichloropropene	5.14	75	13706	0.997	ug/l		99
30) Carbon Tetrachloride	5.14	117	14385	1.221	ug/l		97
31) Isopropyl Ether	3.58	45	27403	0.896	ug/l		87
32) Ethyl-t-butyl ether	4.08	59	25490	0.975	ug/l		92
33) Tert-Amyl methyl ether	5.59	73	22435	1.014	ug/l		98
34) Propionitrile	4.34	54	3305	4.775	ug/l	#	86
35) Benzene	5.39	78	38931	0.953	ug/l		97
36) 1,2-Dichloroethane	5.41	62	11789	1.021	ug/l		100
37) Trichloroethene	6.19	130	11858	1.082	ug/l		93
38) 1,2-Dichloropropane	6.44	63	10188	0.910	ug/l		100
39) Methacrylonitrile	4.55	41	3093	0.874	ug/l	#	90
40) Methyl acrylate	4.44	55	4877	0.993	ug/l	#	96
41) Tetrahydrofuran	4.66	42	4256	2.334	ug/l		97
42) 1-Chlorobutane	5.07	56	18518	0.930	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	5117	1.062 ug/l		97
44) Bromodichloromethane	6.76	83	12883	1.064 ug/l		100
45) 4-Methyl-2-Pentanone	7.47	43	27767	4.877 ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	3391m	2.014 ug/l		
47) Methyl methacrylate	6.63	69	8286	1.898 ug/l		92
48) Ethyl methacrylate	8.02	69	8302	1.088 ug/l		97
49) Toluene	7.64	92	22638	0.960 ug/l		100
50) t-1,3-Dichloropropene	7.89	75	11309	1.095 ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	14360	1.068 ug/l		95
52) 1,1,2-Trichloroethane	8.07	97	6974	1.017 ug/l		88
53) 1,3-Dichloropropane	8.25	76	11429	0.938 ug/l		98
54) 2-Hexanone	8.37	43	19156	4.939 ug/l		97
55) Dibromochloromethane	8.48	129	8501	1.132 ug/l		98
56) 1,2-Dibromoethane	8.59	107	6787	1.149 ug/l		99
58) Tetrachloroethene	8.23	164	10490	1.049 ug/l		98
59) Chlorobenzene	9.12	112	26491	1.049 ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.21	131	9720	1.133 ug/l		98
61) Pentachloroethane	11.10	117	7362	1.209 ug/l		94
62) Hexachloroethane	12.15	117	7149	1.224 ug/l		100
63) Ethyl Benzene	9.25	91	43257	1.031 ug/l		99
64) m/p-Xylenes	9.38	106	33286	2.056 ug/l		100
65) o-Xylene	9.79	106	15572	0.999 ug/l		96
66) Styrene	9.80	104	26743	1.040 ug/l		99
67) Bromoform	9.96	173	4990	1.272 ug/l	#	96
69) Isopropylbenzene	10.17	105	42513	1.059 ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	8473	1.097 ug/l		99
71) 1,2,3-Trichloropropane	10.50	75	6948m	1.257 ug/l		
72) Bromobenzene	10.45	156	11601	1.161 ug/l		95
73) n-propylbenzene	10.59	120	11479	1.034 ug/l		95
74) 2-Chlorotoluene	10.66	126	10314	1.051 ug/l		99
75) 1,3,5-Trimethylbenzene	10.78	105	37421	1.106 ug/l		98
76) 4-Chlorotoluene	10.78	126	10827	1.065 ug/l		99
77) tert-Butylbenzene	11.10	119	36810	1.162 ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	36216	1.060 ug/l		99
79) sec-Butylbenzene	11.33	105	48427	1.091 ug/l		100
80) Nitrobenzene	12.87	77	1332	4.964 ug/l	#	79
81) p-Isopropyltoluene	11.48	119	40255	1.104 ug/l		97
82) 1,3-Dichlorobenzene	11.42	146	24094	1.208 ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	22841	1.146 ug/l		99
84) n-Butylbenzene	11.90	91	38562	1.083 ug/l		97
85) 1,2-Dichlorobenzene	11.88	146	21710	1.205 ug/l		100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1396	1.280 ug/l		96
87) 1,2,4-Trichlorobenzene	13.51	180	14634	1.123 ug/l		97
88) Hexachlorobutadiene	13.70	225	9674	1.225 ug/l		94
89) Naphthalene	13.75	128	22108	1.127 ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	13461	1.101 ug/l		98

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

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