Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025639.D
Acq On : 25 Jul 2018 18:41
Operator : MD/SY
Sample : VU0725WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0725WBSD01

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Quant Time: Jul 26 03:45:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.75	96	33876	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	12633	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	14656	1.05	ug/l		0.00
Spiked Amount 1.000			Recovery = 105.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	23713	1.963	ug/l		98
3) Chloromethane	1.33	50	21311	1.866	ug/l		98
4) Vinyl Chloride	1.40	62	20761	1.964	ug/l		97
5) Bromomethane	1.63	94	9321	1.810	ug/l		100
6) Chloroethane	1.70	64	12770	2.013	ug/l		95
7) Trichlorofluoromethane	1.89	101	31324	2.032	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16639	1.966	ug/l		96
9) 1,1-Dichloroethene	2.29	96	14669	1.964	ug/l		96
10) Iodomethane	2.41	142	8386	1.894	ug/l		96
11) Allyl Chloride	2.59	41	24665	1.976	ug/l		87
12) Acrylonitrile	2.95	53	6475	3.933	ug/l		92
13) Acetone	2.33	43	13421	9.373	ug/l		95
14) Carbon Disulfide	2.48	76	49377	1.933	ug/l		98
15) Methylene Chloride	2.70	84	17136	1.925	ug/l		90
16) trans-1,2-Dichloroethene	2.98	96	17343	2.071	ug/l		89
17) 1,1-Dichloroethane	3.44	63	34298	2.065	ug/l		99
18) 2-Butanone	4.29	43	23388	9.412	ug/l		99
19) Cyclohexane	4.99	56	24157	1.886	ug/l		87
20) Methylcyclohexane	6.42	83	28542	1.817	ug/l		97
21) 2,2-Dichloropropane	4.23	77	32226	2.035	ug/l		98
22) cis-1,2-Dichloroethene	4.22	96	20428	1.938	ug/l		95
23) Diethyl Ether	2.10	59	11159	1.973	ug/l		98
24) tert-Butyl Alcohol	2.85	59	13422	20.199	ug/l	#	78
25) Methyl tert-Butyl Ether	3.01	73	38849	1.923	ug/l		91
26) Bromochloromethane	4.55	128	9344	2.013	ug/l		82
27) Chloroform	4.68	83	36493	1.999	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	31565	1.918	ug/l		97
29) 1,1-Dichloropropene	5.14	75	25361	1.879	ug/l		95
30) Carbon Tetrachloride	5.13	117	27923	1.868	ug/l		99
31) Isopropyl Ether	3.58	45	52178	1.961	ug/l		94
32) Ethyl-t-butyl ether	4.08	59	48967	1.936	ug/l		95
33) Tert-Amyl methyl ether	5.59	73	42813	1.918	ug/l		97
34) Propionitrile	4.35	54	6812	9.867	ug/l	#	90
35) Benzene	5.39	78	74174	1.965	ug/l		100
36) 1,2-Dichloroethane	5.41	62	23026	1.987	ug/l		100
37) Trichloroethene	6.19	130	22160	1.993	ug/l		96
38) 1,2-Dichloropropane	6.44	63	19284	1.969	ug/l		94
39) Methacrylonitrile	4.56	41	6048	1.903	ug/l	#	88
40) Methyl acrylate	4.44	55	9417	1.965	ug/l	#	95
41) Tetrahydrofuran	4.66	42	6487	3.454	ug/l		95
42) 1-Chlorobutane	5.07	56	36162	1.965	ug/l		98

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Quant Time: Jul 26 03:45:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	10358	2.026 ug/l		98
44) Bromodichloromethane	6.76	83	25477	1.967 ug/l	#	95
45) 4-Methyl-2-Pentanone	7.47	43	55746	9.778 ug/l		99
46) t-1,4-Dichloro-2-butene	10.52	75	5626m	3.646 ug/l		
47) Methyl methacrylate	6.63	69	17002	3.977 ug/l		95
48) Ethyl methacrylate	8.02	69	16332	1.902 ug/l		96
49) Toluene	7.64	92	43481	1.885 ug/l		96
50) t-1,3-Dichloropropene	7.89	75	22254	1.903 ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	27325	1.950 ug/l		99
52) 1,1,2-Trichloroethane	8.07	97	13615	1.987 ug/l		98
53) 1,3-Dichloropropane	8.25	76	22314	1.928 ug/l		96
54) 2-Hexanone	8.37	43	38512	9.565 ug/l		98
55) Dibromochloromethane	8.48	129	16429	1.885 ug/l		99
56) 1,2-Dibromoethane	8.59	107	12796	1.929 ug/l		95
58) Tetrachloroethene	8.23	164	19966	1.998 ug/l		99
59) Chlorobenzene	9.12	112	52107	1.965 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	19075	1.937 ug/l		99
61) Pentachloroethane	11.10	117	14622	1.945 ug/l		98
62) Hexachloroethane	12.15	117	14339	1.868 ug/l		94
63) Ethyl Benzene	9.25	91	84488	1.915 ug/l		96
64) m/p-Xylenes	9.38	106	67796	3.910 ug/l		96
65) o-Xylene	9.78	106	31270	1.892 ug/l		99
66) Styrene	9.80	104	51750	1.844 ug/l		98
67) Bromoform	9.96	173	9424	1.833 ug/l	#	99
69) Isopropylbenzene	10.17	105	84147	1.884 ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.46	83	16789	1.950 ug/l		97
71) 1,2,3-Trichloropropane	10.50	75	14262m	2.125 ug/l		
72) Bromobenzene	10.46	156	22590	1.949 ug/l		96
73) n-propylbenzene	10.59	120	24892	1.978 ug/l		88
74) 2-Chlorotoluene	10.66	126	21303	1.923 ug/l		92
75) 1,3,5-Trimethylbenzene	10.78	105	75248	1.930 ug/l		100
76) 4-Chlorotoluene	10.78	126	22163	1.904 ug/l		98
77) tert-Butylbenzene	11.10	119	71311	1.855 ug/l		98
78) 1,2,4-Trimethylbenzene	11.15	105	74864	1.881 ug/l		99
79) sec-Butylbenzene	11.33	105	95945	1.899 ug/l		98
80) Nitrobenzene	12.87	77	2173	8.290 ug/l	#	87
81) p-Isopropyltoluene	11.48	119	82603	1.928 ug/l		97
82) 1,3-Dichlorobenzene	11.42	146	46709	1.959 ug/l		98
83) 1,4-Dichlorobenzene	11.51	146	46711	2.009 ug/l		99
84) n-Butylbenzene	11.89	91	77264	1.922 ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	42121	1.934 ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2734	1.924 ug/l		88
87) 1,2,4-Trichlorobenzene	13.51	180	30225	1.994 ug/l		100
88) Hexachlorobutadiene	13.70	225	18339	1.969 ug/l		99
89) Naphthalene	13.75	128	45599	1.853 ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	27276	1.969 ug/l		99

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

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