Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100318\
Data File : VU027362.D
Acq On : 03 Oct 2018 16:59
Operator : MD/SY
Sample : VU1003WBSD02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1003WBSD02

Manual Integrations APPROVED
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10/5/2018 11:57:10 AM

Quant Time: Oct 03 17:19:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 17:14:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	24163	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	8040	0.88	ug/l	0.00
Spiked Amount 1.000			Recovery = 88.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	7514	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	16127	1.990	ug/l	98
3) Chloromethane	1.33	50	19198	2.040	ug/l	100
4) Vinyl Chloride	1.40	62	19549	2.042	ug/l	100
5) Bromomethane	1.63	94	11094	2.770	ug/l	96
6) Chloroethane	1.70	64	14835	2.080	ug/l	100
7) Trichlorofluoromethane	1.89	101	22212	2.002	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12330	1.889	ug/l	97
9) 1,1-Dichloroethene	2.29	96	10316	1.898	ug/l	92
10) Iodomethane	2.41	142	10442	1.705	ug/l	96
11) Allyl Chloride	2.59	41	28208	1.964	ug/l	99
12) Acrylonitrile	2.94	53	7922	4.222	ug/l	99
13) Acetone	2.32	43	16293	9.228	ug/l	99
14) Carbon Disulfide	2.48	76	34214	2.026	ug/l	100
15) Methylene Chloride	2.70	84	16710	2.148	ug/l	94
16) trans-1,2-Dichloroethene	2.98	96	13621	2.154	ug/l	99
17) 1,1-Dichloroethane	3.45	63	30687	2.011	ug/l	100
18) 2-Butanone	4.28	43	29247	10.179	ug/l	98
19) Cyclohexane	4.99	56	20518	1.780	ug/l	97
20) Methylcyclohexane	6.41	83	22261	2.150	ug/l	96
21) 2,2-Dichloropropane	4.23	77	25738	1.969	ug/l	99
22) cis-1,2-Dichloroethene	4.23	96	14856	1.950	ug/l	99
23) Diethyl Ether	2.11	59	10719	1.848	ug/l	98
24) tert-Butyl Alcohol	2.84	59	13535	20.637	ug/l	99
25) Methyl tert-Butyl Ether	3.01	73	36152	1.993	ug/l	97
26) Bromochloromethane	4.55	128	5645	2.016	ug/l	91
27) Chloroform	4.68	83	26453	1.899	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	22008	1.948	ug/l	98
29) 1,1-Dichloropropene	5.13	75	19863	1.952	ug/l	98
30) Carbon Tetrachloride	5.13	117	18457	1.975	ug/l	98
31) Isopropyl Ether	3.58	45	57365	1.976	ug/l	99
32) Ethyl-t-butyl ether	4.08	59	45066	1.988	ug/l	97
33) Tert-Amyl methyl ether	5.59	73	36163	1.992	ug/l	99
34) Propionitrile	4.34	54	7655	10.328	ug/l #	96
35) Benzene	5.39	78	61119	2.054	ug/l	99
36) 1,2-Dichloroethane	5.41	62	20305	2.081	ug/l	100
37) Trichloroethene	6.18	130	13756	2.082	ug/l	100
38) 1,2-Dichloropropane	6.44	63	18236	2.027	ug/l	97
39) Methacrylonitrile	4.56	41	6721	1.733	ug/l #	82
40) Methyl acrylate	4.43	55	10129	2.051	ug/l	96
41) Tetrahydrofuran	4.66	42	6980	3.395	ug/l	97
42) 1-Chlorobutane	5.06	56	29403	1.796	ug/l	92

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Quant Time: Oct 03 17:19:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U100318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 03 17:14:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	8042	2.148	ug/l		97
44) Bromodichloromethane	6.76	83	20825	2.050	ug/l		97
45) 4-Methyl-2-Pentanone	7.48	43	54949	9.534	ug/l		95
46) t-1,4-Dichloro-2-butene	10.52	75	5773m	3.455	ug/l		
47) Methyl methacrylate	6.64	69	14554	3.862	ug/l		97
48) Ethyl methacrylate	8.03	69	10957	1.669	ug/l		96
49) Toluene	7.64	92	29438	1.809	ug/l		94
50) t-1,3-Dichloropropene	7.88	75	16678	1.849	ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	20984	1.941	ug/l		98
52) 1,1,2-Trichloroethane	8.07	97	10656	2.023	ug/l		100
53) 1,3-Dichloropropane	8.25	76	19260	1.927	ug/l		98
54) 2-Hexanone	8.38	43	36501	9.166	ug/l		93
55) Dibromochloromethane	8.48	129	11949	2.054	ug/l		99
56) 1,2-Dibromoethane	8.59	107	9236	1.983	ug/l		98
58) Tetrachloroethene	8.23	164	11084	1.893	ug/l		98
59) Chlorobenzene	9.12	112	31486	1.855	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	13568	2.080	ug/l		99
61) Pentachloroethane	11.10	117	11786	2.186	ug/l		92
62) Hexachloroethane	12.15	117	10438	2.030	ug/l		99
63) Ethyl Benzene	9.25	91	49679	1.705	ug/l		98
64) m/p-Xylenes	9.38	106	39114	3.582	ug/l		98
65) o-Xylene	9.78	106	17702	1.708	ug/l		95
66) Styrene	9.79	104	32262	1.773	ug/l		99
67) Bromoform	9.96	173	6618	2.127	ug/l		99
69) Isopropylbenzene	10.17	105	46033	1.684	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.46	83	14486	2.036	ug/l		100
71) 1,2,3-Trichloropropane	10.50	75	11576m	2.108	ug/l		
72) Bromobenzene	10.46	156	12234	1.855	ug/l		96
73) n-propylbenzene	10.59	120	13012	1.768	ug/l		96
74) 2-Chlorotoluene	10.66	126	12494	1.857	ug/l		95
75) 1,3,5-Trimethylbenzene	10.77	105	42272	1.738	ug/l		98
76) 4-Chlorotoluene	10.77	126	13136	1.903	ug/l		98
77) tert-Butylbenzene	11.10	119	40437	1.761	ug/l		97
78) 1,2,4-Trimethylbenzene	11.15	105	42868	1.727	ug/l		98
79) sec-Butylbenzene	11.32	105	56212	1.784	ug/l		100
80) Nitrobenzene	12.87	77	3147	10.758	ug/l	#	97
81) p-Isopropyltoluene	11.48	119	45229	1.785	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	28089	2.022	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	28150	2.025	ug/l		99
84) n-Butylbenzene	11.89	91	45352	1.764	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	26089	2.030	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2336	2.167	ug/l		88
87) 1,2,4-Trichlorobenzene	13.50	180	15547	1.908	ug/l		99
88) Hexachlorobutadiene	13.69	225	10170	1.887	ug/l		100
89) Naphthalene	13.75	128	22185	1.544	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	14183	1.761	ug/l		99

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

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