Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031019\
Data File : VU029880.D
Acq On : 08 Mar 2019 11:31
Operator : JC/SP
Sample : VU0310WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0310WBSD01

Manual Integrations APPROVED
MMDadoda
3/11/2019 6:55:55 PM

Quant Time: Mar 08 23:01:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	58967	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21198	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	24943	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	36442	1.847	ug/l	98
3) Chloromethane	1.33	50	31737	1.806	ug/l	98
4) Vinyl Chloride	1.40	62	37334	1.889	ug/l	99
5) Bromomethane	1.63	94	23620	1.750	ug/l	99
6) Chloroethane	1.70	64	22289	1.881	ug/l	93
7) Trichlorofluoromethane	1.88	101	51344	1.906	ug/l	93
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	30133	1.923	ug/l	97
9) 1,1-Dichloroethene	2.28	96	28848	1.881	ug/l	100
10) Iodomethane	2.41	142	19006	1.626	ug/l	97
11) Allyl Chloride	2.59	41	39172	1.817	ug/l	99
12) Acrylonitrile	2.94	53	12857	3.844	ug/l	95
13) Acetone	2.32	43	25279	9.126	ug/l	97
14) Carbon Disulfide	2.47	76	87050	1.752	ug/l	99
15) Methylene Chloride	2.70	84	33784	1.836	ug/l	97
16) trans-1,2-Dichloroethene	2.98	96	31394	1.812	ug/l	99
17) 1,1-Dichloroethane	3.44	63	54551	1.882	ug/l	99
18) 2-Butanone	4.28	43	34888	9.268	ug/l	99
19) Cyclohexane	4.99	56	42073m	1.869	ug/l	
20) Methylcyclohexane	6.41	83	46815	1.786	ug/l	97
21) 2,2-Dichloropropane	4.22	77	43062	1.817	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	35061	1.909	ug/l	96
23) Diethyl Ether	2.10	59	21912	1.906	ug/l	98
24) tert-Butyl Alcohol	2.84	59	24511	20.664	ug/l	95
25) Methyl tert-Butyl Ether	3.00	73	73087	1.892	ug/l	99
26) Bromochloromethane	4.55	128	15985	1.961	ug/l	96
27) Chloroform	4.67	83	54883	1.870	ug/l	100
28) 1,1,1-Trichloroethane	4.91	97	47449	1.906	ug/l	99
29) 1,1-Dichloropropene	5.13	75	40653	1.838	ug/l	98
30) Carbon Tetrachloride	5.13	117	39564	1.822	ug/l	96
31) Isopropyl Ether	3.58	45	77310	1.934	ug/l	97
32) Ethyl-t-butyl ether	4.07	59	73260	1.885	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	69204	1.926	ug/l	99
34) Propionitrile	4.34	54	10644	9.506	ug/l #	98
35) Benzene	5.38	78	122420	1.879	ug/l	99
36) 1,2-Dichloroethane	5.40	62	33520	1.884	ug/l	100
37) Trichloroethene	6.18	130	34266	1.801	ug/l	98
38) 1,2-Dichloropropane	6.43	63	30426	1.845	ug/l	99
39) Methacrylonitrile	4.55	41	8599	1.826	ug/l	99
40) Methyl acrylate	4.43	55	12940	1.738	ug/l #	87
41) Tetrahydrofuran	4.65	42	9140	3.710	ug/l	96
42) 1-Chlorobutane	5.06	56	50985	1.804	ug/l	99

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ClientSampleId : VU0310WBSD01

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Quant Time: Mar 08 23:01:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	16534	1.934 ug/l	98
44) Bromodichloromethane	6.76	83	39242	1.869 ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	83314	9.345 ug/l	98
46) t-1,4-Dichloro-2-butene	10.51	75	11566m	3.103 ug/l	
47) Methyl methacrylate	6.63	69	27162	3.703 ug/l	99
48) Ethyl methacrylate	8.02	69	26326	1.873 ug/l	94
49) Toluene	7.63	92	74427	1.860 ug/l	99
50) t-1,3-Dichloropropene	7.88	75	33059	1.797 ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	41226	1.810 ug/l	100
52) 1,1,2-Trichloroethane	8.07	97	24288	1.920 ug/l	97
53) 1,3-Dichloropropane	8.24	76	39078	1.883 ug/l	100
54) 2-Hexanone	8.37	43	55006	8.884 ug/l	99
55) Dibromochloromethane	8.48	129	26725	1.780 ug/l	96
56) 1,2-Dibromoethane	8.58	107	22246	1.854 ug/l	97
58) Tetrachloroethene	8.22	164	38747	1.994 ug/l	98
59) Chlorobenzene	9.12	112	86477	1.880 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	30601	1.855 ug/l	97
61) Pentachloroethane	11.10	117	19594	1.706 ug/l	93
62) Hexachloroethane	12.14	117	20143	1.667 ug/l	96
63) Ethyl Benzene	9.25	91	136402	1.811 ug/l	100
64) m/p-Xylenes	9.37	106	107138	3.598 ug/l	96
65) o-Xylene	9.78	106	53248	1.862 ug/l	100
66) Styrene	9.79	104	85882	1.807 ug/l	97
67) Bromoform	9.95	173	16490	1.870 ug/l	95
69) Isopropylbenzene	10.16	105	139753	1.843 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	29055	1.883 ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	21165m	1.846 ug/l	
72) Bromobenzene	10.45	156	37456	1.866 ug/l	98
73) n-propylbenzene	10.58	120	38663	1.813 ug/l	99
74) 2-Chlorotoluene	10.66	126	35574	1.881 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	119609	1.872 ug/l	99
76) 4-Chlorotoluene	10.77	126	37675	1.953 ug/l	93
77) tert-Butylbenzene	11.10	119	113613	1.797 ug/l	97
78) 1,2,4-Trimethylbenzene	11.14	105	118457	1.835 ug/l	100
79) sec-Butylbenzene	11.32	105	159939	1.909 ug/l	100
80) Nitrobenzene	12.88	77	1686m	6.019 ug/l	
81) p-Isopropyltoluene	11.47	119	130269	1.857 ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	72669	1.828 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	73242	1.885 ug/l	98
84) n-Butylbenzene	11.89	91	114157	1.786 ug/l	97
85) 1,2-Dichlorobenzene	11.88	146	70418	1.878 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3963	1.799 ug/l	99
87) 1,2,4-Trichlorobenzene	13.50	180	43244	1.801 ug/l	98
88) Hexachlorobutadiene	13.69	225	28054	1.855 ug/l	99
89) Naphthalene	13.74	128	67378	1.841 ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	42243	1.873 ug/l	99

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

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