Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091119\
Data File : VU034474.D
Acq On : 11 Sep 2019 13:56
Operator : JC/SP
Sample : VU0911WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0911WBS01

Manual Integrations APPROVED
MMDadoda
9/12/2019 4:53:44 PM

Quant Time: Sep 12 04:03:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	63532	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	23420	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.00%			
68) 1,2-Dichlorobenzene-d4	11.84	152	26281	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	43816	1.884	ug/l	99
3) Chloromethane	1.33	50	51572	2.015	ug/l	100
4) Vinyl Chloride	1.40	62	47961	1.908	ug/l	100
5) Bromomethane	1.62	94	27863	1.902	ug/l	98
6) Chloroethane	1.69	64	28398	1.949	ug/l	97
7) Trichlorofluoromethane	1.88	101	60002	1.940	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	31724	1.891	ug/l	98
9) 1,1-Dichloroethene	2.28	96	31931	1.889	ug/l	96
10) Iodomethane	2.40	142	16872	1.290	ug/l	98
11) Allyl Chloride	2.58	41	51421	1.851	ug/l	97
12) Acrylonitrile	2.93	53	13259	3.764	ug/l	94
13) Acetone	2.31	43	28689	9.778	ug/l	97
14) Carbon Disulfide	2.47	76	112964	1.903	ug/l	99
15) Methylene Chloride	2.69	84	38859	1.977	ug/l	96
16) trans-1,2-Dichloroethene	2.97	96	34868	1.843	ug/l	99
17) 1,1-Dichloroethane	3.42	63	68792	1.907	ug/l	99
18) 2-Butanone	4.26	43	40847	9.639	ug/l	97
19) Cyclohexane	4.97	56	51428m	1.819	ug/l	
20) Methylcyclohexane	6.39	83	54076	1.834	ug/l	97
21) 2,2-Dichloropropane	4.20	77	54582	1.836	ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	38043	1.855	ug/l	97
23) Diethyl Ether	2.10	59	24135	1.906	ug/l	98
24) tert-Butyl Alcohol	2.82	59	32229	19.503	ug/l #	95
25) Methyl tert-Butyl Ether	2.99	73	79256	1.956	ug/l	97
26) Bromochloromethane	4.53	128	16854	1.943	ug/l	96
27) Chloroform	4.65	83	70750	1.887	ug/l	97
28) 1,1,1-Trichloroethane	4.89	97	55150	1.875	ug/l	97
29) 1,1-Dichloropropene	5.11	75	45439	1.788	ug/l	98
30) Carbon Tetrachloride	5.11	117	50000	1.897	ug/l	100
31) Isopropyl Ether	3.56	45	99506	1.916	ug/l	98
32) Ethyl-t-butyl ether	4.05	59	84089	1.892	ug/l	98
33) Tert-Amyl methyl ether	5.56	73	69394	1.864	ug/l	98
34) Propionitrile	4.32	54	11167	9.282	ug/l #	85
35) Benzene	5.37	78	144104	1.890	ug/l	99
36) 1,2-Dichloroethane	5.39	62	38646	1.974	ug/l	100
37) Trichloroethene	6.16	130	40636	1.905	ug/l	96
38) 1,2-Dichloropropane	6.41	63	38478	1.905	ug/l	94
39) Methacrylonitrile	4.53	41	9829	1.974	ug/l	97
40) Methyl acrylate	4.42	55	13170	1.736	ug/l #	97
41) Tetrahydrofuran	4.63	42	10077	3.951	ug/l	97
42) 1-Chlorobutane	5.04	56	65169	1.887	ug/l	99

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Quant Time: Sep 12 04:03:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.54	93	17493	1.840 ug/l	98
44) Bromodichloromethane	6.74	83	46867	1.919 ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	93715	9.724 ug/l	98
46) t-1,4-Dichloro-2-butene	10.50	75	14000m	3.645 ug/l	
47) Methyl methacrylate	6.61	69	28658	3.780 ug/l	97
48) Ethyl methacrylate	8.00	69	25049	1.839 ug/l	98
49) Toluene	7.62	92	83007	1.866 ug/l	100
50) t-1,3-Dichloropropene	7.87	75	36435	1.812 ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	46879	1.852 ug/l	97
52) 1,1,2-Trichloroethane	8.05	97	25624	1.941 ug/l	97
53) 1,3-Dichloropropane	8.23	76	41464	1.878 ug/l	99
54) 2-Hexanone	8.35	43	59977	9.284 ug/l	99
55) Dibromochloromethane	8.46	129	30218	1.884 ug/l	96
56) 1,2-Dibromoethane	8.57	107	23176	1.914 ug/l	97
58) Tetrachloroethene	8.21	164	39327	1.940 ug/l	97
59) Chlorobenzene	9.10	112	92960	1.876 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	34853	1.899 ug/l	98
61) Pentachloroethane	11.08	117	29128	1.961 ug/l	92
62) Hexachloroethane	12.12	117	24197	1.834 ug/l	98
63) Ethyl Benzene	9.23	91	144883	1.823 ug/l	99
64) m/p-Xylenes	9.35	106	118271	3.675 ug/l	98
65) o-Xylene	9.76	106	56359	1.838 ug/l	98
66) Styrene	9.77	104	94849	1.848 ug/l	99
67) Bromoform	9.94	173	18447	1.956 ug/l	97
69) Isopropylbenzene	10.14	105	147844	1.850 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	33291	1.965 ug/l	100
71) 1,2,3-Trichloropropane	10.47	75	26148m	2.169 ug/l	
72) Bromobenzene	10.43	156	41230	1.902 ug/l	99
73) n-propylbenzene	10.57	120	43035	1.859 ug/l	98
74) 2-Chlorotoluene	10.64	126	40481	1.943 ug/l	100
75) 1,3,5-Trimethylbenzene	10.75	105	134137	1.869 ug/l	98
76) 4-Chlorotoluene	10.75	126	39992	1.896 ug/l	99
77) tert-Butylbenzene	11.08	119	129156	1.856 ug/l	98
78) 1,2,4-Trimethylbenzene	11.13	105	135164	1.865 ug/l	99
79) sec-Butylbenzene	11.30	105	174265	1.862 ug/l	99
80) Nitrobenzene	12.87	77	1937m	5.356 ug/l	
81) p-Isopropyltoluene	11.45	119	147159	1.884 ug/l	99
82) 1,3-Dichlorobenzene	11.40	146	87139	1.937 ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	86929	1.945 ug/l	98
84) n-Butylbenzene	11.87	91	134453	1.871 ug/l	96
85) 1,2-Dichlorobenzene	11.86	146	77441	1.900 ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.64	75	4491	1.986 ug/l	96
87) 1,2,4-Trichlorobenzene	13.49	180	43379	1.844 ug/l	96
88) Hexachlorobutadiene	13.67	225	33588	1.874 ug/l	100
89) Naphthalene	13.73	128	50498m	1.903 ug/l	
90) 1,2,3-Trichlorobenzene	13.97	180	39652	1.830 ug/l	99

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

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