Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033197.D
Acq On : 11 Jul 2019 17:47
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 12 04:46:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 04:10:37 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
MMDadoda
7/16/2019 4:03:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	31362	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	11932	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	12617	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	22954	1.760	ug/l	100
3) Chloromethane	1.32	50	28222	1.900	ug/l	99
4) Vinyl Chloride	1.40	62	28751	1.823	ug/l	98
5) Bromomethane	1.62	94	17150	1.953	ug/l	95
6) Chloroethane	1.69	64	17580	1.776	ug/l	99
7) Trichlorofluoromethane	1.87	101	39108	1.830	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	19366	1.794	ug/l	99
9) 1,1-Dichloroethene	2.27	96	19183	1.753	ug/l	97
10) Iodomethane	2.40	142	17509	1.198	ug/l	97
11) Allyl Chloride	2.58	41	33298	1.766	ug/l	99
12) Acrylonitrile	2.92	53	11931	3.913	ug/l	98
13) Acetone	2.31	43	24976	9.257	ug/l	100
14) Carbon Disulfide	2.46	76	72642	1.793	ug/l	98
15) Methylene Chloride	2.68	84	26286	1.864	ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	22697	1.803	ug/l	95
17) 1,1-Dichloroethane	3.42	63	34058	1.839	ug/l	99
18) 2-Butanone	4.25	43	25737	10.645	ug/l	97
19) Cyclohexane	4.96	56	23753m	1.700	ug/l	
20) Methylcyclohexane	6.39	83	24286	1.752	ug/l	99
21) 2,2-Dichloropropane	4.20	77	28272	1.750	ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	18656	1.817	ug/l	97
23) Diethyl Ether	2.09	59	16814	1.820	ug/l	96
24) tert-Butyl Alcohol	2.82	59	21503	18.279	ug/l	100
25) Methyl tert-Butyl Ether	2.98	73	59675	1.914	ug/l	100
26) Bromochloromethane	4.52	128	8452	1.848	ug/l	96
27) Chloroform	4.65	83	36649	1.773	ug/l	94
28) 1,1,1-Trichloroethane	4.89	97	28435	1.756	ug/l	97
29) 1,1-Dichloropropene	5.11	75	24258	1.810	ug/l	99
30) Carbon Tetrachloride	5.11	117	25446	1.757	ug/l	91
31) Isopropyl Ether	3.56	45	42253	1.727	ug/l	95
32) Ethyl-t-butyl ether	4.05	59	42531	1.823	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	39014	1.855	ug/l	97
34) Propionitrile	4.32	54	7323	10.462	ug/l #	91
35) Benzene	5.37	78	69843	1.792	ug/l	100
36) 1,2-Dichloroethane	5.39	62	22780	1.810	ug/l	98
37) Trichloroethene	6.16	130	17966	1.786	ug/l	93
38) 1,2-Dichloropropane	6.41	63	18973	1.767	ug/l	99
39) Methacrylonitrile	4.54	41	5291m	1.822	ug/l	
40) Methyl acrylate	4.41	55	8373	1.911	ug/l #	95
41) Tetrahydrofuran	4.63	42	6102	4.120	ug/l	98
42) 1-Chlorobutane	5.04	56	32822	1.802	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033197.D
Acq On : 11 Jul 2019 17:47
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
MMDadoda
7/16/2019 4:03:15 PM

Quant Time: Jul 12 04:46:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 04:10:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	10274	1.824	ug/l	99
44) Bromodichloromethane	6.74	83	25191	1.797	ug/l	98
45) 4-Methyl-2-Pentanone	7.45	43	57910	9.693	ug/l	97
46) t-1,4-Dichloro-2-butene	10.50	75	10548m	3.910	ug/l	
47) Methyl methacrylate	6.61	69	16631	3.806	ug/l	98
48) Ethyl methacrylate	8.00	69	14650	1.811	ug/l	95
49) Toluene	7.62	92	40826	1.778	ug/l	99
50) t-1,3-Dichloropropene	7.86	75	22508	1.861	ug/l	98
51) cis-1,3-Dichloropropene	7.25	75	25775	1.813	ug/l	97
52) 1,1,2-Trichloroethane	8.05	97	14800	1.906	ug/l	98
53) 1,3-Dichloropropane	8.22	76	24069	1.845	ug/l	100
54) 2-Hexanone	8.35	43	39888	9.803	ug/l	96
55) Dibromochloromethane	8.46	129	16531	1.823	ug/l	97
56) 1,2-Dibromoethane	8.57	107	13316	1.876	ug/l	98
58) Tetrachloroethene	8.21	164	16914	1.835	ug/l	98
59) Chlorobenzene	9.10	112	46051	1.801	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.19	131	17444	1.782	ug/l	99
61) Pentachloroethane	11.08	117	13843	1.741	ug/l	94
62) Hexachloroethane	12.13	117	12633	1.655	ug/l	99
63) Ethyl Benzene	9.23	91	71917	1.708	ug/l	98
64) m/p-Xylenes	9.36	106	57192	3.485	ug/l	97
65) o-Xylene	9.76	106	28021	1.778	ug/l	99
66) Styrene	9.78	104	45737	1.724	ug/l	98
67) Bromoform	9.94	173	9615	1.937	ug/l	96
69) Isopropylbenzene	10.15	105	72209	1.755	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	19527	1.901	ug/l	98
71) 1,2,3-Trichloropropane	10.48	75	14298m	1.934	ug/l	
72) Bromobenzene	10.44	156	19843	1.889	ug/l	98
73) n-propylbenzene	10.57	120	21103	1.844	ug/l	97
74) 2-Chlorotoluene	10.65	126	19175	1.833	ug/l	96
75) 1,3,5-Trimethylbenzene	10.76	105	62544	1.716	ug/l	97
76) 4-Chlorotoluene	10.76	126	19492	1.778	ug/l	99
77) tert-Butylbenzene	11.08	119	59692	1.718	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	62812	1.701	ug/l	98
79) sec-Butylbenzene	11.31	105	82236	1.731	ug/l	100
80) Nitrobenzene	12.86	77	2895m	11.392	ug/l	
81) p-Isopropyltoluene	11.46	119	66083	1.728	ug/l	98
82) 1,3-Dichlorobenzene	11.40	146	39826	1.805	ug/l	98
83) 1,4-Dichlorobenzene	11.49	146	38883	1.788	ug/l	99
84) n-Butylbenzene	11.87	91	64704	1.732	ug/l	97
85) 1,2-Dichlorobenzene	11.86	146	37918	1.856	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	3138	1.979	ug/l	99
87) 1,2,4-Trichlorobenzene	13.49	180	22106	1.965	ug/l	98
88) Hexachlorobutadiene	13.68	225	13357	1.830	ug/l	98
89) Naphthalene	13.73	128	38454	2.036	ug/l	100
90) 1,2,3-Trichlorobenzene	13.97	180	21160	1.934	ug/l	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033197.D
Acq On : 11 Jul 2019 17:47
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 12 04:46:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 04:10:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED

MMDadoda
7/16/2019 4:03:15 PM