Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030001.D
Acq On : 12 Mar 2019 10:54
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:55:29 PM

Quant Time: Mar 13 04:17:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	61234	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21806	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	25237	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	43516	1.938	ug/l	100
3) Chloromethane	1.33	50	49205	1.931	ug/l	98
4) Vinyl Chloride	1.40	62	41425	1.897	ug/l	97
5) Bromomethane	1.63	94	24735	1.982	ug/l	98
6) Chloroethane	1.70	64	23783	1.887	ug/l	99
7) Trichlorofluoromethane	1.88	101	54582	1.927	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	30278	1.965	ug/l	99
9) 1,1-Dichloroethene	2.28	96	28647	1.875	ug/l	95
10) Iodomethane	2.41	142	18623	1.407	ug/l	96
11) Allyl Chloride	2.59	41	40970	1.896	ug/l	98
12) Acrylonitrile	2.94	53	12770	3.859	ug/l	95
13) Acetone	2.32	43	26654	9.252	ug/l	95
14) Carbon Disulfide	2.48	76	98787	1.856	ug/l	98
15) Methylene Chloride	2.70	84	33360	1.834	ug/l	97
16) trans-1,2-Dichloroethene	2.97	96	34426	1.951	ug/l	99
17) 1,1-Dichloroethane	3.44	63	57276	1.920	ug/l	99
18) 2-Butanone	4.28	43	39339	9.863	ug/l	99
19) Cyclohexane	4.99	56	48909m	1.921	ug/l	
20) Methylcyclohexane	6.41	83	54439	1.930	ug/l	97
21) 2,2-Dichloropropane	4.22	77	47277	1.885	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	37522	1.913	ug/l	99
23) Diethyl Ether	2.10	59	22148	1.940	ug/l	97
24) tert-Butyl Alcohol	2.83	59	23458	19.201	ug/l #	84
25) Methyl tert-Butyl Ether	3.00	73	72833	1.888	ug/l	99
26) Bromochloromethane	4.54	128	16862	1.965	ug/l	98
27) Chloroform	4.67	83	57765	1.841	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	49025	1.899	ug/l	98
29) 1,1-Dichloropropene	5.13	75	42479	1.807	ug/l	97
30) Carbon Tetrachloride	5.13	117	43635	1.890	ug/l	97
31) Isopropyl Ether	3.58	45	77411	1.844	ug/l	97
32) Ethyl-t-butyl ether	4.07	59	74890	1.852	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	69575	1.879	ug/l	99
34) Propionitrile	4.34	54	9911	8.759	ug/l #	95
35) Benzene	5.39	78	131289	1.909	ug/l	99
36) 1,2-Dichloroethane	5.40	62	34067	1.853	ug/l	99
37) Trichloroethene	6.18	130	37887	1.913	ug/l	94
38) 1,2-Dichloropropane	6.43	63	33331	1.906	ug/l	97
39) Methacrylonitrile	4.55	41	8798	1.815	ug/l #	91
40) Methyl acrylate	4.43	55	14731	1.923	ug/l #	96
41) Tetrahydrofuran	4.65	42	9686	3.612	ug/l	93
42) 1-Chlorobutane	5.06	56	57710	1.874	ug/l	98

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030001.D
Acq On : 12 Mar 2019 10:54
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:55:29 PM

Quant Time: Mar 13 04:17:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	17301	1.913 ug/l	94
44) Bromodichloromethane	6.75	83	40726	1.887 ug/l	96
45) 4-Methyl-2-Pentanone	7.46	43	84297	9.433 ug/l	99
46) t-1,4-Dichloro-2-butene	10.51	75	11292m	3.251 ug/l	
47) Methyl methacrylate	6.63	69	28685	3.785 ug/l	98
48) Ethyl methacrylate	8.02	69	26963	1.887 ug/l	98
49) Toluene	7.63	92	79650	1.922 ug/l	94
50) t-1,3-Dichloropropene	7.88	75	36407	1.884 ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	44920	1.849 ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	24373	1.906 ug/l	99
53) 1,3-Dichloropropane	8.24	76	40551	1.896 ug/l	98
54) 2-Hexanone	8.36	43	59472	9.236 ug/l	98
55) Dibromochloromethane	8.48	129	28183	1.832 ug/l	100
56) 1,2-Dibromoethane	8.58	107	22994	1.868 ug/l	99
58) Tetrachloroethene	8.22	164	34482	1.917 ug/l	98
59) Chlorobenzene	9.12	112	89216	1.884 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	30644	1.832 ug/l	97
61) Pentachloroethane	11.10	117	23773	1.842 ug/l	96
62) Hexachloroethane	12.14	117	23258	1.788 ug/l	99
63) Ethyl Benzene	9.25	91	145244	1.868 ug/l	98
64) m/p-Xylenes	9.37	106	113346	3.704 ug/l	99
65) o-Xylene	9.78	106	55697	1.856 ug/l	99
66) Styrene	9.79	104	90513	1.840 ug/l	99
67) Bromoform	9.96	173	15851	1.803 ug/l	99
69) Isopropylbenzene	10.16	105	146402	1.871 ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.46	83	30119	1.911 ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	23113m	1.975 ug/l	
72) Bromobenzene	10.45	156	39063	1.904 ug/l	98
73) n-propylbenzene	10.58	120	42377	1.909 ug/l	95
74) 2-Chlorotoluene	10.66	126	36921	1.899 ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	125572	1.884 ug/l	99
76) 4-Chlorotoluene	10.77	126	36444	1.837 ug/l	99
77) tert-Butylbenzene	11.10	119	121401	1.861 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	125913	1.857 ug/l	99
79) sec-Butylbenzene	11.32	105	164523	1.882 ug/l	100
80) Nitrobenzene	12.87	77	2007m	6.818 ug/l	
81) p-Isopropyltoluene	11.47	119	139680	1.905 ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	76814	1.853 ug/l	98
83) 1,4-Dichlorobenzene	11.50	146	78205	1.877 ug/l	99
84) n-Butylbenzene	11.89	91	127342	1.859 ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	71658	1.858 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3998	1.761 ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	50090	1.799 ug/l	99
88) Hexachlorobutadiene	13.69	225	29059	1.926 ug/l	96
89) Naphthalene	13.74	128	77835	1.784 ug/l	98
90) 1,2,3-Trichlorobenzene	13.99	180	46263	1.834 ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030001.D
Acq On : 12 Mar 2019 10:54
Operator : JC/SP
Sample : VSTDICC002
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 04:17:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:55:29 PM