Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030005.D
Acq On : 12 Mar 2019 12:55
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:56:09 PM

Quant Time: Mar 13 08:01:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	64579	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	23273	0.99	ug/l		0.00
Spiked Amount 1.000			Recovery = 99.00%				
68) 1,2-Dichlorobenzene-d4	11.85	152	26572	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	111484	4.707	ug/l		99
3) Chloromethane	1.33	50	223603	8.322	ug/l		98
4) Vinyl Chloride	1.40	62	175569	7.623	ug/l		99
5) Bromomethane	1.63	94	91084	6.920	ug/l		99
6) Chloroethane	1.70	64	116793	8.784	ug/l		100
7) Trichlorofluoromethane	1.89	101	262713	8.794	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	172005	10.584	ug/l		98
9) 1,1-Dichloroethene	2.28	96	164162	10.188	ug/l		96
10) Iodomethane	2.41	142	115758	8.291	ug/l		100
11) Allyl Chloride	2.59	41	227176	9.971	ug/l		98
12) Acrylonitrile	2.93	53	170791	48.939	ug/l		99
13) Acetone	2.32	43	182490	60.066	ug/l		95
14) Carbon Disulfide	2.48	76	490648	8.740	ug/l		100
15) Methylene Chloride	2.70	84	185376	9.662	ug/l		99
16) trans-1,2-Dichloroethene	2.97	96	182170	9.791	ug/l		97
17) 1,1-Dichloroethane	3.44	63	320410	10.186	ug/l		99
18) 2-Butanone	4.27	43	244817	58.203	ug/l		99
19) Cyclohexane	4.99	56	285482m	10.593	ug/l		
20) Methylcyclohexane	6.41	83	324974	10.927	ug/l		99
21) 2,2-Dichloropropane	4.22	77	272229	10.292	ug/l		99
22) cis-1,2-Dichloroethene	4.22	96	211789	10.239	ug/l		99
23) Diethyl Ether	2.10	59	119029	9.887	ug/l		98
24) tert-Butyl Alcohol	2.83	59	59101	45.870	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	416535	10.236	ug/l		100
26) Bromochloromethane	4.54	128	84706	9.360	ug/l		99
27) Chloroform	4.67	83	330207	9.977	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	289062	10.615	ug/l		100
29) 1,1-Dichloropropene	5.13	75	256643	10.352	ug/l		99
30) Carbon Tetrachloride	5.13	117	256214	10.525	ug/l		96
31) Isopropyl Ether	3.57	45	488941	11.045	ug/l	#	1
34) Propionitrile	4.32	54	131474	112.130	ug/l	#	97
35) Benzene	5.38	78	757456	10.443	ug/l		99
36) 1,2-Dichloroethane	5.40	62	195858	10.099	ug/l		98
37) Trichloroethene	6.18	130	210882	10.094	ug/l		99
38) 1,2-Dichloropropane	6.43	63	189137	10.258	ug/l		97
39) Methacrylonitrile	4.54	41	53851	10.532	ug/l	#	91
40) Methyl acrylate	4.42	55	93778	11.607	ug/l	#	90
41) Tetrahydrofuran	4.64	42	141018	49.863	ug/l		95
42) 1-Chlorobutane	5.06	56	341413	10.514	ug/l		100
43) Dibromomethane	6.56	93	97274	10.197	ug/l		99
44) Bromodichloromethane	6.75	83	240480	10.567	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030005.D
Acq On : 12 Mar 2019 12:55
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:56:09 PM

Quant Time: Mar 13 08:01:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.46	43	492989	52.307	ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	48224m	11.046	ug/l		
47) Methyl methacrylate	6.62	69	92006	11.513	ug/l		100
48) Ethyl methacrylate	8.02	69	170820	11.334	ug/l		99
49) Toluene	7.63	92	478967	10.960	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	238866	11.721	ug/l		99
51) cis-1,3-Dichloropropene	7.26	75	284951	11.123	ug/l		100
52) 1,1,2-Trichloroethane	8.06	97	142577	10.573	ug/l		96
53) 1,3-Dichloropropane	8.24	76	239176	10.604	ug/l		99
54) 2-Hexanone	8.36	43	375252	55.260	ug/l		100
55) Dibromochloromethane	8.47	129	173867	10.717	ug/l		99
56) 1,2-Dibromoethane	8.58	107	136241	10.497	ug/l		97
58) Tetrachloroethene	8.22	164	197940	10.434	ug/l		99
59) Chlorobenzene	9.12	112	534243	10.697	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	187665	10.639	ug/l		99
61) Pentachloroethane	11.10	117	149430	10.977	ug/l		100
62) Hexachloroethane	12.14	117	153094	11.162	ug/l		99
63) Ethyl Benzene	9.24	91	912936	11.131	ug/l		99
64) m/p-Xylenes	9.37	106	733931	22.745	ug/l		100
65) o-Xylene	9.77	106	348851	11.022	ug/l		99
66) Styrene	9.79	104	573111	11.048	ug/l		99
67) Bromoform	9.95	173	104267	11.244	ug/l		99
69) Isopropylbenzene	10.16	105	932305	11.298	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.45	83	171566	10.322	ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	122942m	9.839	ug/l		
72) Bromobenzene	10.45	156	240454	11.110	ug/l		99
73) n-propylbenzene	10.58	120	264513	11.299	ug/l		99
74) 2-Chlorotoluene	10.66	126	226958	11.070	ug/l		99
75) 1,3,5-Trimethylbenzene	10.77	105	811299	11.540	ug/l		99
76) 4-Chlorotoluene	10.77	126	242297	11.578	ug/l		92
77) tert-Butylbenzene	11.10	119	783427	11.384	ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	827891	11.579	ug/l		99
79) sec-Butylbenzene	11.32	105	1007363	10.927	ug/l		100
80) Nitrobenzene	12.86	77	3465	11.670	ug/l	#	83
81) p-Isopropyltoluene	11.47	119	896035	11.588	ug/l		100
82) 1,3-Dichlorobenzene	11.41	146	469722	10.747	ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	471260	10.726	ug/l		99
84) n-Butylbenzene	11.89	91	846032	11.713	ug/l		100
85) 1,2-Dichlorobenzene	11.88	146	431211	10.600	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	26913	11.240	ug/l		97
87) 1,2,4-Trichlorobenzene	13.50	180	346773	11.812	ug/l		100
88) Hexachlorobutadiene	13.69	225	178833	11.239	ug/l		98
89) Naphthalene	13.74	128	594208	12.916	ug/l		100
90) 1,2,3-Trichlorobenzene	13.98	180	308933	11.615	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 : VU030005.D
Acq On : 12 Mar 2019 12:55
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 13 08:01:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
ICVVU031419

Manual Integrations APPROVED
MMDadoda
3/13/2019 12:56:09 PM