Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033204.D
Acq On : 11 Jul 2019 22:46
Operator : JC/SP
Sample : K3591-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/16/2019 4:02:27 PM

Quant Time: Jul 12 05:56:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:48:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	29287	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	9655	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery = 87.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	10620	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery = 89.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	5720	0.500	ug/l	96
3) Chloromethane	1.33	50	6494	0.486	ug/l	100
4) Vinyl Chloride	1.40	62	6777	0.492	ug/l	98
5) Bromomethane	1.62	94	4989	0.580	ug/l	98
6) Chloroethane	1.69	64	4200	0.497	ug/l	94
7) Trichlorofluoromethane	1.88	101	8832	0.474	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4593	0.480	ug/l	96
9) 1,1-Dichloroethene	2.27	96	4632	0.479	ug/l	91
10) Iodomethane	2.40	142	4242	0.416	ug/l	91
11) Allyl Chloride	2.58	41	7681	0.476	ug/l	97
12) Acrylonitrile	2.92	53	3101	1.159	ug/l	93
13) Acetone	2.31	43	5929	2.471	ug/l	96
14) Carbon Disulfide	2.46	76	16728	0.474	ug/l	98
15) Methylene Chloride	2.68	84	7683	0.595	ug/l	97
16) trans-1,2-Dichloroethene	2.96	96	5630	0.509	ug/l	95
17) 1,1-Dichloroethane	3.42	63	7758	0.483	ug/l	96
18) 2-Butanone	4.27	43	5487	2.289	ug/l	99
19) Cyclohexane	4.96	56	5417m	0.441	ug/l	
20) Methylcyclohexane	6.40	83	4921	0.382	ug/l	89
21) 2,2-Dichloropropane	4.20	77	5854	0.434	ug/l	96
22) cis-1,2-Dichloroethene	4.20	96	3973	0.432	ug/l	91
23) Diethyl Ether	2.09	59	3823	0.454	ug/l	84
24) tert-Butyl Alcohol	2.82	59	4807	4.682	ug/l	99
25) Methyl tert-Butyl Ether	2.98	73	13194	0.468	ug/l	97
26) Bromochloromethane	4.53	128	1713	0.421	ug/l	82
27) Chloroform	4.65	83	9693	0.546	ug/l	96
28) 1,1,1-Trichloroethane	4.89	97	6722	0.479	ug/l	99
29) 1,1-Dichloropropene	5.11	75	5395	0.456	ug/l #	85
30) Carbon Tetrachloride	5.11	117	5834	0.470	ug/l	94
31) Isopropyl Ether	3.56	45	9772	0.453	ug/l	88
32) Ethyl-t-butyl ether	4.05	59	9364	0.445	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	7978	0.412	ug/l	96
34) Propionitrile	4.34	54	984m	1.449	ug/l	
35) Benzene	5.37	78	16126	0.467	ug/l	93
36) 1,2-Dichloroethane	5.39	62	5302	0.474	ug/l #	85
37) Trichloroethene	6.17	130	4139	0.459	ug/l	92
38) 1,2-Dichloropropane	6.41	63	4291	0.459	ug/l	100
39) Methacrylonitrile	4.54	41	1069	0.380	ug/l #	71
40) Methyl acrylate	4.42	55	1041	0.250	ug/l #	74
41) Tetrahydrofuran	4.63	42	1240m	0.840	ug/l	
42) 1-Chlorobutane	5.04	56	7101	0.442	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033204.D
Acq On : 11 Jul 2019 22:46
Operator : JC/SP
Sample : K3591-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/16/2019 4:02:27 PM

Quant Time: Jul 12 05:56:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:48:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.54	93	2206	0.442 ug/l	#	75
44) Bromodichloromethane	6.74	83	5572	0.453 ug/l	#	94
45) 4-Methyl-2-Pentanone	7.45	43	11807	2.099 ug/l		98
46) t-1,4-Dichloro-2-butene	10.51	75	1483m	0.619 ug/l		
47) Methyl methacrylate	6.62	69	3330	0.824 ug/l		94
48) Ethyl methacrylate	8.01	69	2801	0.369 ug/l		95
49) Toluene	7.62	92	8426	0.414 ug/l		97
50) t-1,3-Dichloropropene	7.87	75	4565	0.418 ug/l	#	86
51) cis-1,3-Dichloropropene	7.25	75	4963	0.393 ug/l	#	90
52) 1,1,2-Trichloroethane	8.05	97	3152	0.455 ug/l	#	81
53) 1,3-Dichloropropane	8.23	76	5077	0.432 ug/l		100
54) 2-Hexanone	8.36	43	7503	1.909 ug/l		94
55) Dibromochloromethane	8.46	129	3750	0.467 ug/l		100
56) 1,2-Dibromoethane	8.57	107	2890	0.451 ug/l		97
58) Tetrachloroethene	8.21	164	3805	0.461 ug/l		92
59) Chlorobenzene	9.11	112	9883	0.432 ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.19	131	3770	0.447 ug/l		96
61) Pentachloroethane	11.09	117	2951	0.445 ug/l		96
62) Hexachloroethane	12.13	117	2582	0.401 ug/l		100
63) Ethyl Benzene	9.23	91	14930	0.399 ug/l		100
64) m/p-Xylenes	9.36	106	10298	0.704 ug/l		90
65) o-Xylene	9.76	106	5302	0.373 ug/l		97
66) Styrene	9.78	104	8531	0.355 ug/l		97
67) Bromoform	9.94	173	1834	0.402 ug/l	#	88
69) Isopropylbenzene	10.15	105	14176	0.384 ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.45	83	4431	0.469 ug/l	#	99
71) 1,2,3-Trichloropropane	10.48	75	3629m	0.513 ug/l		
72) Bromobenzene	10.44	156	4046	0.422 ug/l		95
73) n-propylbenzene	10.57	120	4232	0.404 ug/l		92
74) 2-Chlorotoluene	10.65	126	4109	0.435 ug/l		87
75) 1,3,5-Trimethylbenzene	10.76	105	11434	0.357 ug/l		99
76) 4-Chlorotoluene	10.76	126	3422	0.355 ug/l		76
77) tert-Butylbenzene	11.08	119	11949	0.388 ug/l		98
78) 1,2,4-Trimethylbenzene	11.13	105	11536	0.353 ug/l		100
79) sec-Butylbenzene	11.31	105	15420	0.365 ug/l		98
81) p-Isopropyltoluene	11.46	119	11634	0.338 ug/l		100
82) 1,3-Dichlorobenzene	11.40	146	8627	0.436 ug/l		100
83) 1,4-Dichlorobenzene	11.49	146	7951	0.399 ug/l		99
84) n-Butylbenzene	11.87	91	11905	0.347 ug/l		98
85) 1,2-Dichlorobenzene	11.86	146	8306	0.439 ug/l		95
86) 1,2-Dibromo-3-Chloropropan	12.64	75	639	0.427 ug/l	#	89
87) 1,2,4-Trichlorobenzene	13.49	180	4477	0.384 ug/l		94
88) Hexachlorobutadiene	13.68	225	2822	0.419 ug/l		98
89) Naphthalene	13.73	128	7375	0.347 ug/l	#	95
90) 1,2,3-Trichlorobenzene	13.98	180	4077	0.366 ug/l		99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033204.D
Acq On : 11 Jul 2019 22:46
Operator : JC/SP
Sample : K3591-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 12 05:56:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:48:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/16/2019 4:02:27 PM