Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029839.D
Acq On : 06 Mar 2019 14:42
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
3/11/2019 4:50:30 PM

Quant Time: Mar 08 22:23:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	60207	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	19580	0.90	ug/l		0.00
Spiked Amount 1.000			Recovery = 90.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	22305	0.89	ug/l		0.00
Spiked Amount 1.000			Recovery = 89.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	5432	0.270	ug/l		97
3) Chloromethane	1.33	50	4899	0.273	ug/l		95
4) Vinyl Chloride	1.40	62	5232	0.259	ug/l		96
5) Bromomethane	1.63	94	3948	0.286	ug/l		96
6) Chloroethane	1.70	64	2887	0.239	ug/l		97
7) Trichlorofluoromethane	1.88	101	7075	0.257	ug/l		89
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4214	0.263	ug/l		95
9) 1,1-Dichloroethene	2.28	96	4103	0.262	ug/l		87
10) Iodomethane	2.41	142	3326	0.761	ug/l		97
11) Allyl Chloride	2.59	41	5597	0.254	ug/l		98
12) Acrylonitrile	2.94	53	1994	0.584	ug/l		98
13) Acetone	2.32	43	3875	1.370	ug/l		88
14) Carbon Disulfide	2.47	76	13731	0.271	ug/l		98
15) Methylene Chloride	2.69	84	6188	0.329	ug/l		97
16) trans-1,2-Dichloroethene	2.98	96	4323	0.244	ug/l		96
17) 1,1-Dichloroethane	3.44	63	7568	0.256	ug/l		95
18) 2-Butanone	4.29	43	3531	0.919	ug/l		99
19) Cyclohexane	4.98	56	5202m	0.226	ug/l		
20) Methylcyclohexane	6.41	83	6031	0.225	ug/l		95
21) 2,2-Dichloropropane	4.22	77	6344	0.262	ug/l	#	79
22) cis-1,2-Dichloroethene	4.22	96	4923	0.263	ug/l		94
23) Diethyl Ether	2.10	59	3184	0.271	ug/l		86
24) tert-Butyl Alcohol	2.84	59	4014	3.314	ug/l		98
25) Methyl tert-Butyl Ether	3.00	73	9533	0.242	ug/l		94
26) Bromochloromethane	4.55	128	2146	0.258	ug/l		95
27) Chloroform	4.67	83	7321	0.244	ug/l		97
28) 1,1,1-Trichloroethane	4.91	97	6122	0.241	ug/l	#	84
29) 1,1-Dichloropropene	5.13	75	5619	0.249	ug/l		96
30) Carbon Tetrachloride	5.13	117	5257	0.237	ug/l	#	95
31) Isopropyl Ether	3.58	45	10159	0.249	ug/l		87
32) Ethyl-t-butyl ether	4.07	59	10131	0.255	ug/l		93
33) Tert-Amyl methyl ether	5.58	73	8805m	0.240	ug/l		
34) Propionitrile	4.34	54	1024m	0.896	ug/l		
35) Benzene	5.39	78	17028	0.256	ug/l		94
36) 1,2-Dichloroethane	5.40	62	4496	0.247	ug/l	#	90
37) Trichloroethene	6.19	130	5019	0.258	ug/l		98
38) 1,2-Dichloropropane	6.43	63	4500	0.267	ug/l		91
39) Methacrylonitrile	4.56	41	1199m	0.249	ug/l		
41) Tetrahydrofuran	4.65	42	1698	0.675	ug/l	#	53
42) 1-Chlorobutane	5.06	56	6291	0.218	ug/l		81
43) Dibromomethane	6.56	93	1972	0.226	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029839.D
Acq On : 06 Mar 2019 14:42
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Manual Integrations APPROVED
MMDadoda
3/11/2019 4:50:30 PM

Quant Time: Mar 08 22:23:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
44) Bromodichloromethane	6.76	83	5162	0.241 ug/l	#	89
45) 4-Methyl-2-Pentanone	7.47	43	10887	1.196 ug/l		94
46) t-1,4-Dichloro-2-butene	10.52	75	1419m	0.373 ug/l		
47) Methyl methacrylate	6.64	69	3025	0.404 ug/l		84
48) Ethyl methacrylate	8.03	69	2953	0.206 ug/l		100
49) Toluene	7.64	92	9078	0.222 ug/l		97
50) t-1,3-Dichloropropene	7.89	75	3921	0.209 ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	5502	0.237 ug/l		94
52) 1,1,2-Trichloroethane	8.07	97	2982	0.231 ug/l		91
53) 1,3-Dichloropropane	8.24	76	5118	0.242 ug/l		98
54) 2-Hexanone	8.38	43	6925	1.095 ug/l		92
55) Dibromochloromethane	8.48	129	3288	0.214 ug/l		96
56) 1,2-Dibromoethane	8.59	107	2723	0.222 ug/l		95
58) Tetrachloroethene	8.22	164	5139	0.259 ug/l		92
59) Chlorobenzene	9.12	112	11041	0.235 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	3823	0.227 ug/l		97
61) Pentachloroethane	11.10	117	2672	0.228 ug/l		91
62) Hexachloroethane	12.14	117	2537	0.206 ug/l		89
63) Ethyl Benzene	9.25	91	16667	0.217 ug/l		95
64) m/p-Xylenes	9.37	106	12712	0.418 ug/l		98
65) o-Xylene	9.78	106	6446	0.221 ug/l		97
67) Bromoform	9.96	173	1922	0.213 ug/l	#	95
69) Isopropylbenzene	10.17	105	17009	0.220 ug/l		94
70) 1,1,2,2-Tetrachloroethane	10.46	83	3772	0.239 ug/l	#	95
71) 1,2,3-Trichloropropane	10.49	75	2883m	0.246 ug/l		
72) Bromobenzene	10.45	156	4896	0.239 ug/l		93
74) 2-Chlorotoluene	10.66	126	4313	0.223 ug/l		93
75) 1,3,5-Trimethylbenzene	10.77	105	13242	0.203 ug/l		94
76) 4-Chlorotoluene	10.78	126	4238	0.215 ug/l		98
77) tert-Butylbenzene	11.10	119	13352	0.207 ug/l		94
78) 1,2,4-Trimethylbenzene	11.15	105	13797	0.209 ug/l		94
79) sec-Butylbenzene	11.32	105	17926	0.210 ug/l		99
82) 1,3-Dichlorobenzene	11.42	146	9066	0.223 ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	9373	0.236 ug/l		95
85) 1,2-Dichlorobenzene	11.88	146	8818	0.230 ug/l		97
88) Hexachlorobutadiene	13.69	225	3198	0.207 ug/l		92
89) Naphthalene	13.75	128	4575	0.550 ug/l	#	86
90) 1,2,3-Trichlorobenzene	13.99	180	4929m	0.214 ug/l		

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029839.D
Acq On : 06 Mar 2019 14:42
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 08 22:23:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Mar 08 00:30:10 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
3/11/2019 4:50:30 PM