Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030819\
Data File : VU029848.D
Acq On : 07 Mar 2019 11:43
Operator : JC/SP
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 08 22:26:36 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 : MDL05

Manual Integrations APPROVED
MMDadoda
3/11/2019 6:48:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	57991	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	17820	0.85	ug/l		0.00
Spiked Amount 1.000			Recovery = 85.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	20546	0.85	ug/l		0.00
Spiked Amount 1.000			Recovery = 85.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	4748	0.245	ug/l		92
3) Chloromethane	1.33	50	4870	0.282	ug/l		98
4) Vinyl Chloride	1.40	62	4906	0.252	ug/l	#	87
5) Bromomethane	1.63	94	3974	0.299	ug/l		95
6) Chloroethane	1.70	64	3193	0.274	ug/l		95
7) Trichlorofluoromethane	1.88	101	6615	0.250	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	3766	0.244	ug/l		96
9) 1,1-Dichloroethene	2.28	96	4127	0.274	ug/l		85
10) Iodomethane	2.41	142	2936	0.746	ug/l		92
11) Allyl Chloride	2.59	41	5496	0.259	ug/l		100
12) Acrylonitrile	2.94	53	2059	0.626	ug/l	#	84
13) Acetone	2.32	43	4214	1.547	ug/l		94
14) Carbon Disulfide	2.47	76	12433	0.255	ug/l		97
15) Methylene Chloride	2.70	84	6607	0.365	ug/l		97
16) trans-1,2-Dichloroethene	2.98	96	4067	0.239	ug/l		93
17) 1,1-Dichloroethane	3.44	63	7135	0.250	ug/l		94
18) 2-Butanone	4.30	43	3642	0.984	ug/l		94
19) Cyclohexane	4.98	56	4923m	0.222	ug/l		
20) Methylcyclohexane	6.41	83	5718	0.222	ug/l		97
21) 2,2-Dichloropropane	4.22	77	6021	0.258	ug/l	#	72
22) cis-1,2-Dichloroethene	4.23	96	4480	0.248	ug/l		86
23) Diethyl Ether	2.10	59	2626	0.232	ug/l	#	71
24) tert-Butyl Alcohol	2.83	59	3680	3.155	ug/l	#	80
25) Methyl tert-Butyl Ether	3.00	73	9777	0.257	ug/l		98
26) Bromochloromethane	4.54	128	1744	0.218	ug/l		89
27) Chloroform	4.67	83	6658	0.231	ug/l		91
28) 1,1,1-Trichloroethane	4.91	97	5821	0.238	ug/l		93
29) 1,1-Dichloropropene	5.13	75	4957	0.228	ug/l		95
30) Carbon Tetrachloride	5.12	117	5177	0.242	ug/l		91
31) Isopropyl Ether	3.58	45	9795	0.249	ug/l		88
32) Ethyl-t-butyl ether	4.07	59	9572	0.250	ug/l		92
33) Tert-Amyl methyl ether	5.58	73	8319m	0.235	ug/l		
34) Propionitrile	4.34	54	904m	0.821	ug/l		
35) Benzene	5.39	78	16183	0.253	ug/l	#	88
36) 1,2-Dichloroethane	5.41	62	4410	0.252	ug/l		96
37) Trichloroethene	6.18	130	4620	0.247	ug/l		99
38) 1,2-Dichloropropane	6.43	63	4044	0.249	ug/l	#	85
39) Methacrylonitrile	4.56	41	1114m	0.240	ug/l		
41) Tetrahydrofuran	4.66	42	1096m	0.452	ug/l		
42) 1-Chlorobutane	5.06	56	6567	0.236	ug/l		90
43) Dibromomethane	6.56	93	1794	0.213	ug/l		92

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030819\
Data File : VU029848.D
Acq On : 07 Mar 2019 11:43
Operator : JC/SP
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 08 22:26:36 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 :
MDL05

Manual Integrations APPROVED
MMDadoda
3/11/2019 6:48:28 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) Bromodichloromethane	6.76	83	4758	0.230 ug/l #	95
45) 4-Methyl-2-Pentanone	7.47	43	9024	1.029 ug/l	97
46) t-1,4-Dichloro-2-butene	10.51	75	1439m	0.393 ug/l	
47) Methyl methacrylate	6.63	69	3034	0.421 ug/l	97
49) Toluene	7.64	92	8521	0.217 ug/l	94
51) cis-1,3-Dichloropropene	7.28	75	5058	0.226 ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	3056	0.246 ug/l	92
53) 1,3-Dichloropropane	8.24	76	4716	0.231 ug/l	99
54) 2-Hexanone	8.37	43	6693	1.099 ug/l	87
55) Dibromochloromethane	8.48	129	3405	0.231 ug/l	96
56) 1,2-Dibromoethane	8.59	107	2788	0.236 ug/l	83
58) Tetrachloroethene	8.22	164	4697	0.246 ug/l	98
59) Chlorobenzene	9.12	112	10940	0.242 ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.21	131	3768	0.232 ug/l	96
61) Pentachloroethane	11.10	117	2656	0.235 ug/l	93
62) Hexachloroethane	12.14	117	2401	0.202 ug/l	89
63) Ethyl Benzene	9.25	91	15707	0.212 ug/l	97
64) m/p-Xylenes	9.37	106	11540	0.394 ug/l	92
65) o-Xylene	9.78	106	5857	0.208 ug/l	98
67) Bromoform	9.96	173	1752	0.202 ug/l #	88
69) Isopropylbenzene	10.16	105	15367	0.206 ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.46	83	3469	0.229 ug/l #	91
71) 1,2,3-Trichloropropane	10.49	75	2599m	0.230 ug/l	
72) Bromobenzene	10.45	156	4463	0.226 ug/l	98
74) 2-Chlorotoluene	10.66	126	3844	0.207 ug/l	95
79) sec-Butylbenzene	11.32	105	16780	0.204 ug/l	92
82) 1,3-Dichlorobenzene	11.42	146	8369	0.214 ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	7750	0.203 ug/l	90
85) 1,2-Dichlorobenzene	11.88	146	8359	0.227 ug/l	98
88) Hexachlorobutadiene	13.69	225	3159	0.212 ug/l	97
89) Naphthalene	13.76	128	3519	0.532 ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030819\
Data File : VU029848.D
Acq On : 07 Mar 2019 11:43
Operator : JC/SP
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 08 22:26:36 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 :
MDL05

Manual Integrations APPROVED
MMDadoda
3/11/2019 6:48:28 PM