Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022619\
Data File : VU029677.D
Acq On : 26 Feb 2019 13:07
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 27 00:53:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
3/5/2019 9:32:09 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	66062	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	26223	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	30046	1.14	ug/l		0.00
Spiked Amount 1.000			Recovery = 114.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	225620	9.151	ug/l		98
3) Chloromethane	1.33	50	175031	7.769	ug/l		99
4) Vinyl Chloride	1.40	62	231395	8.761	ug/l		99
5) Bromomethane	1.62	94	120978	8.235	ug/l		96
6) Chloroethane	1.69	64	139256	9.025	ug/l		96
7) Trichlorofluoromethane	1.88	101	328748	8.914	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	191648	9.841	ug/l		89
9) 1,1-Dichloroethene	2.28	96	186380	9.780	ug/l		65
10) Iodomethane	2.41	142	160678	5.764	ug/l	#	74
11) Allyl Chloride	2.59	41	256920	8.039	ug/l	#	81
12) Acrylonitrile	2.93	53	79458	18.602	ug/l		96
13) Acetone	2.32	43	177365	43.086	ug/l	#	76
14) Carbon Disulfide	2.47	76	596934	8.871	ug/l		99
15) Methylene Chloride	2.69	84	212465	9.194	ug/l	#	74
16) trans-1,2-Dichloroethene	2.97	96	207810	9.751	ug/l	#	76
17) 1,1-Dichloroethane	3.44	63	322840	9.559	ug/l		96
18) 2-Butanone	4.27	43	232739	50.585	ug/l		95
19) Cyclohexane	4.99	56	237694	7.591	ug/l		85
20) Methylcyclohexane	6.41	83	333990	10.155	ug/l	#	84
21) 2,2-Dichloropropane	4.22	77	284248	9.093	ug/l	#	89
22) cis-1,2-Dichloroethene	4.22	96	217726	10.845	ug/l		74
23) Diethyl Ether	2.10	59	139602	9.122	ug/l		87
24) tert-Butyl Alcohol	2.83	59	143586	90.284	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	479157	8.929	ug/l	#	80
26) Bromochloromethane	4.54	128	93504	10.544	ug/l		72
27) Chloroform	4.67	83	341001	10.383	ug/l		98
28) 1,1,1-Trichloroethane	4.91	97	294455	9.673	ug/l		95
29) 1,1-Dichloropropene	5.13	75	262336	9.927	ug/l		92
30) Carbon Tetrachloride	5.13	117	264056	9.582	ug/l		98
31) Isopropyl Ether	3.58	45	467043	9.165	ug/l		90
32) Ethyl-t-butyl ether	4.07	59	475701	9.315	ug/l		89
33) Tert-Amyl methyl ether	5.58	73	450367	9.753	ug/l		99
34) Propionitrile	4.33	54	68549	56.682	ug/l	#	94
35) Benzene	5.38	78	768201	10.512	ug/l		98
36) 1,2-Dichloroethane	5.40	62	211907	9.587	ug/l	#	89
37) Trichloroethene	6.18	130	224752	10.717	ug/l		86
38) 1,2-Dichloropropane	6.43	63	192903	10.147	ug/l		99
39) Methacrylonitrile	4.55	41	56790	9.170	ug/l	#	86
40) Methyl acrylate	4.42	55	92631	9.908	ug/l	#	92
41) Tetrahydrofuran	4.65	42	57191	18.332	ug/l	#	80
42) 1-Chlorobutane	5.06	56	349741	9.878	ug/l		84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022619\
Data File : VU029677.D
Acq On : 26 Feb 2019 13:07
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
3/5/2019 9:32:09 AM

Quant Time: Feb 27 00:53:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	102678	10.135	ug/l		89
44) Bromodichloromethane	6.75	83	251122	9.728	ug/l		97
45) 4-Methyl-2-Pentanone	7.46	43	559264	47.093	ug/l	#	87
46) t-1,4-Dichloro-2-butene	10.51	75	98043m	16.945	ug/l		
47) Methyl methacrylate	6.62	69	183574	20.595	ug/l	#	70
48) Ethyl methacrylate	8.02	69	187820	9.822	ug/l		77
49) Toluene	7.63	92	498801	10.666	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	231602	9.153	ug/l		96
51) cis-1,3-Dichloropropene	7.27	75	287030	9.549	ug/l	#	84
52) 1,1,2-Trichloroethane	8.06	97	147490	10.997	ug/l		98
53) 1,3-Dichloropropane	8.24	76	243861	10.350	ug/l		100
54) 2-Hexanone	8.36	43	403485	48.470	ug/l		84
55) Dibromochloromethane	8.47	129	187861	9.855	ug/l		98
56) 1,2-Dibromoethane	8.58	107	141285	10.268	ug/l		99
58) Tetrachloroethene	8.22	164	224628	11.511	ug/l		92
59) Chlorobenzene	9.12	112	570032	10.821	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	197683	10.156	ug/l		96
61) Pentachloroethane	11.10	117	150172	9.954	ug/l		91
62) Hexachloroethane	12.14	117	160815	9.766	ug/l		98
63) Ethyl Benzene	9.25	91	967541	10.576	ug/l		96
64) m/p-Xylenes	9.37	106	771315	21.695	ug/l		87
65) o-Xylene	9.77	106	376086	10.777	ug/l		86
66) Styrene	9.79	104	635360	10.922	ug/l		92
67) Bromoform	9.95	173	114096	9.621	ug/l		100
69) Isopropylbenzene	10.16	105	996581	10.689	ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.45	83	187069	10.882	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	132813m	11.251	ug/l		
72) Bromobenzene	10.45	156	254710	11.271	ug/l		84
73) n-propylbenzene	10.58	120	284060	10.938	ug/l		82
74) 2-Chlorotoluene	10.66	126	238935	10.805	ug/l		83
75) 1,3,5-Trimethylbenzene	10.77	105	849601	10.569	ug/l		95
76) 4-Chlorotoluene	10.77	126	254500	11.089	ug/l		77
77) tert-Butylbenzene	11.10	119	849715	10.694	ug/l		90
78) 1,2,4-Trimethylbenzene	11.14	105	870341	10.695	ug/l		94
79) sec-Butylbenzene	11.32	105	1129027	10.860	ug/l		96
80) Nitrobenzene	12.86	77	20622	26.926	ug/l	#	92
81) p-Isopropyltoluene	11.47	119	961419	10.910	ug/l		93
82) 1,3-Dichlorobenzene	11.41	146	505219	11.394	ug/l		95
83) 1,4-Dichlorobenzene	11.50	146	503534	11.403	ug/l		96
84) n-Butylbenzene	11.89	91	879924	10.881	ug/l		96
85) 1,2-Dichlorobenzene	11.87	146	466871	11.137	ug/l		96
86) 1,2-Dibromo-3-Chloropropan	12.65	75	29111	9.074	ug/l	#	60
87) 1,2,4-Trichlorobenzene	13.50	180	336683	11.434	ug/l		98
88) Hexachlorobutadiene	13.69	225	195411	11.459	ug/l		99
89) Naphthalene	13.74	128	557573	11.165	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	302988	11.259	ug/l		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022619\
Data File : VU029677.D
Acq On : 26 Feb 2019 13:07
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 27 00:53:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
3/5/2019 9:32:09 AM