Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030819\
Data File : VU029850.D
Acq On : 07 Mar 2019 13:05
Operator : JC/SP
Sample : VU0308WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

Manual Integrations APPROVED
MMDadoda
3/8/2019 11:47:54 AM

Quant Time: Mar 08 02:31:43 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	59032	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	21496	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	25516	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	36800	1.863	ug/l	98
3) Chloromethane	1.33	50	33001	1.876	ug/l	98
4) Vinyl Chloride	1.40	62	36850	1.862	ug/l	97
5) Bromomethane	1.63	94	24840	1.838	ug/l	100
6) Chloroethane	1.70	64	21975	1.852	ug/l	99
7) Trichlorofluoromethane	1.88	101	51646	1.915	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29929	1.908	ug/l	100
9) 1,1-Dichloroethene	2.28	96	29332	1.910	ug/l	99
10) Iodomethane	2.41	142	21626	1.769	ug/l	96
11) Allyl Chloride	2.59	41	39606	1.835	ug/l	99
12) Acrylonitrile	2.93	53	12861	3.841	ug/l	99
13) Acetone	2.32	43	24512	8.840	ug/l	98
14) Carbon Disulfide	2.47	76	91358	1.837	ug/l	99
15) Methylene Chloride	2.70	84	35009	1.900	ug/l	95
16) trans-1,2-Dichloroethene	2.97	96	33254	1.917	ug/l	97
17) 1,1-Dichloroethane	3.44	63	54990	1.895	ug/l	99
18) 2-Butanone	4.28	43	34972	9.280	ug/l	96
19) Cyclohexane	4.99	56	42447m	1.884	ug/l	
20) Methylcyclohexane	6.41	83	48279	1.840	ug/l	99
21) 2,2-Dichloropropane	4.22	77	43552	1.836	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	35252	1.918	ug/l	98
23) Diethyl Ether	2.10	59	21668	1.882	ug/l	97
24) tert-Butyl Alcohol	2.84	59	23309	19.629	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	73808	1.909	ug/l	98
26) Bromochloromethane	4.54	128	15454	1.894	ug/l	99
27) Chloroform	4.67	83	55268	1.881	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	46907	1.883	ug/l	99
29) 1,1-Dichloropropene	5.13	75	40879	1.846	ug/l	99
30) Carbon Tetrachloride	5.13	117	40200	1.849	ug/l	98
31) Isopropyl Ether	3.58	45	76075	1.901	ug/l	97
32) Ethyl-t-butyl ether	4.07	59	73138	1.880	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	69294	1.926	ug/l	99
34) Propionitrile	4.33	54	10766	9.604	ug/l #	92
35) Benzene	5.39	78	123808	1.898	ug/l	98
36) 1,2-Dichloroethane	5.40	62	34847	1.956	ug/l	99
37) Trichloroethene	6.18	130	36438	1.913	ug/l	96
38) 1,2-Dichloropropane	6.43	63	31509	1.908	ug/l	97
39) Methacrylonitrile	4.55	41	8606	1.825	ug/l	94
40) Methyl acrylate	4.43	55	12780	1.715	ug/l #	96
41) Tetrahydrofuran	4.65	42	8147	3.303	ug/l	96
42) 1-Chlorobutane	5.06	56	53201	1.881	ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030819\
Data File : VU029850.D
Acq On : 07 Mar 2019 13:05
Operator : JC/SP
Sample : VU0308WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0308WBSD01

Manual Integrations APPROVED
MMDadoda
3/8/2019 11:47:54 AM

Quant Time: Mar 08 02:31:43 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)
43) Dibromomethane	6.56	93	15895	1.857	ug/l		95
44) Bromodichloromethane	6.76	83	38845	1.848	ug/l		98
45) 4-Methyl-2-Pentanone	7.46	43	83636	9.371	ug/l		97
46) t-1,4-Dichloro-2-butene	10.50	75	13589m	3.642	ug/l		
47) Methyl methacrylate	6.63	69	27249	3.711	ug/l		98
48) Ethyl methacrylate	8.02	69	25824	1.835	ug/l		99
49) Toluene	7.63	92	74896	1.870	ug/l		97
50) t-1,3-Dichloropropene	7.88	75	32253	1.751	ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	41457	1.818	ug/l		98
52) 1,1,2-Trichloroethane	8.06	97	24609	1.943	ug/l		96
53) 1,3-Dichloropropane	8.24	76	39066	1.880	ug/l		100
54) 2-Hexanone	8.37	43	55873	9.014	ug/l		95
55) Dibromochloromethane	8.47	129	27701	1.843	ug/l		98
56) 1,2-Dibromoethane	8.58	107	22457	1.870	ug/l		99
58) Tetrachloroethene	8.22	164	38199	1.964	ug/l		98
59) Chlorobenzene	9.12	112	86357	1.876	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	30912	1.872	ug/l		100
61) Pentachloroethane	11.10	117	20837	1.812	ug/l		94
62) Hexachloroethane	12.14	117	21957	1.815	ug/l		99
63) Ethyl Benzene	9.25	91	136646	1.812	ug/l		98
64) m/p-Xylenes	9.37	106	109688	3.679	ug/l		98
65) o-Xylene	9.77	106	53538	1.870	ug/l		98
66) Styrene	9.79	104	87613	1.842	ug/l		98
67) Bromoform	9.96	173	16402	1.858	ug/l		100
69) Isopropylbenzene	10.16	105	139204	1.833	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.46	83	29720	1.924	ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	20559m	1.791	ug/l		
72) Bromobenzene	10.45	156	37873	1.884	ug/l		94
73) n-propylbenzene	10.58	120	40365	1.891	ug/l		95
74) 2-Chlorotoluene	10.66	126	36091	1.906	ug/l		98
75) 1,3,5-Trimethylbenzene	10.77	105	117910	1.843	ug/l		99
76) 4-Chlorotoluene	10.77	126	36830	1.908	ug/l		95
77) tert-Butylbenzene	11.10	119	116818	1.846	ug/l		100
78) 1,2,4-Trimethylbenzene	11.14	105	117587	1.819	ug/l		99
79) sec-Butylbenzene	11.32	105	158711	1.892	ug/l		100
80) Nitrobenzene	12.88	77	1638	5.841	ug/l	#	83
81) p-Isopropyltoluene	11.47	119	128790	1.834	ug/l		100
82) 1,3-Dichlorobenzene	11.41	146	73889	1.856	ug/l		100
83) 1,4-Dichlorobenzene	11.50	146	73648	1.894	ug/l		97
84) n-Butylbenzene	11.89	91	115916	1.812	ug/l		98
85) 1,2-Dichlorobenzene	11.88	146	70222	1.871	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4119	1.868	ug/l		92
87) 1,2,4-Trichlorobenzene	13.50	180	42731	1.778	ug/l		100
88) Hexachlorobutadiene	13.69	225	28183	1.862	ug/l		98
89) Naphthalene	13.74	128	63513	1.761	ug/l		99
90) 1,2,3-Trichlorobenzene	13.99	180	40046	1.774	ug/l		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030819\
Data File : VU029850.D
Acq On : 07 Mar 2019 13:05
Operator : JC/SP
Sample : VU0308WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 08 02:31:43 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 :
VU0308WBSD01

Manual Integrations APPROVED
MMDadoda
3/8/2019 11:47:54 AM