Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103019\
Data File : VU035554.D
Acq On : 30 Oct 2019 11:55
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 31 01:26:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 07:13:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	76615	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	30034	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery = 109.00%			
68) 1,2-Dichlorobenzene-d4	12.22	152	31156	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery = 106.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	284758	9.490	ug/l	99
3) Chloromethane	1.54	50	338003	9.193	ug/l	99
4) Vinyl Chloride	1.62	62	307889	9.449	ug/l	100
5) Bromomethane	1.87	94	149116	9.002	ug/l	100
6) Chloroethane	1.95	64	180520	9.638	ug/l	99
7) Trichlorofluoromethane	2.16	101	390422	9.697	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	207159	9.494	ug/l	99
9) 1,1-Dichloroethene	2.61	96	198682	9.436	ug/l	99
10) Iodomethane	2.75	142	131267	9.029	ug/l	99
11) Allyl Chloride	2.96	41	335238	9.477	ug/l	100
12) Acrylonitrile	3.37	53	102104	19.319	ug/l	99
13) Acetone	2.67	43	224011	43.668	ug/l	100
14) Carbon Disulfide	2.82	76	688644	9.250	ug/l	100
15) Methylene Chloride	3.08	84	240799	8.894	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	219602	9.484	ug/l	100
17) 1,1-Dichloroethane	3.92	63	418757	9.654	ug/l	98
18) 2-Butanone	4.78	43	313542	47.158	ug/l	100
19) Cyclohexane	5.43	56	340908m	9.918	ug/l	
20) Methylcyclohexane	6.80	83	350891	9.951	ug/l	99
21) 2,2-Dichloropropane	4.72	77	352951	9.429	ug/l	99
22) cis-1,2-Dichloroethene	4.72	96	249077	10.051	ug/l	99
23) Diethyl Ether	2.41	59	168640	9.713	ug/l	97
24) tert-Butyl Alcohol	3.26	59	176298	91.106	ug/l	99
25) Methyl tert-Butyl Ether	3.43	73	542457	9.609	ug/l	99
26) Bromochloromethane	5.02	128	105565	9.540	ug/l	99
27) Chloroform	5.14	83	421414	9.093	ug/l	100
28) 1,1,1-Trichloroethane	5.36	97	350064	9.534	ug/l	99
29) 1,1-Dichloropropene	5.57	75	307405	9.984	ug/l	100
30) Carbon Tetrachloride	5.57	117	315716	9.668	ug/l	99
31) Isopropyl Ether	4.07	45	596923	9.854	ug/l	98
32) Ethyl-t-butyl ether	4.57	59	560373	9.992	ug/l	99
33) Tert-Amyl methyl ether	6.00	73	505077	10.472	ug/l	99
34) Propionitrile	4.85	54	91180	47.348	ug/l	98
35) Benzene	5.82	78	924116	9.836	ug/l	98
36) 1,2-Dichloroethane	5.84	62	260482	9.677	ug/l	99
37) Trichloroethene	6.58	130	247594	9.487	ug/l	99
38) 1,2-Dichloropropane	6.84	63	248103	9.630	ug/l	99
39) Methacrylonitrile	5.04	41	70649	9.771	ug/l	97
40) Methyl acrylate	4.91	55	115394	10.481	ug/l	99
41) Tetrahydrofuran	5.14	42	72848	19.597	ug/l #	38
42) 1-Chlorobutane	5.50	56	422820	9.981	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103019\
Data File : VU035554.D
Acq On : 30 Oct 2019 11:55
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 31 01:26:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 07:13:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	125231	9.731	ug/l		98
44) Bromodichloromethane	7.15	83	311195	9.704	ug/l		99
45) 4-Methyl-2-Pentanone	7.84	43	697000	50.786	ug/l		100
46) t-1,4-Dichloro-2-butene	10.87	75	121644m	24.388	ug/l		
47) Methyl methacrylate	7.01	69	229395	21.521	ug/l		96
48) Ethyl methacrylate	8.38	69	200600	10.770	ug/l		99
49) Toluene	8.01	92	569358	10.536	ug/l		100
50) t-1,3-Dichloropropene	8.25	75	289411	10.191	ug/l		100
51) cis-1,3-Dichloropropene	7.65	75	342685	10.171	ug/l		98
52) 1,1,2-Trichloroethane	8.44	97	174792	9.691	ug/l		98
53) 1,3-Dichloropropane	8.61	76	309059	10.111	ug/l		99
54) 2-Hexanone	8.73	43	494296	50.683	ug/l		99
55) Dibromochloromethane	8.84	129	221777	10.071	ug/l		100
56) 1,2-Dibromoethane	8.96	107	169210	10.255	ug/l		99
58) Tetrachloroethene	8.58	164	236343	9.879	ug/l		98
59) Chlorobenzene	9.48	112	637125	10.226	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.56	131	235719	9.840	ug/l		99
61) Pentachloroethane	11.46	117	190474	9.758	ug/l		99
62) Hexachloroethane	12.50	117	178204	9.993	ug/l		99
63) Ethyl Benzene	9.60	91	1062513	10.981	ug/l		99
64) m/p-Xylenes	9.72	106	861642	22.553	ug/l	#	1
65) o-Xylene	10.13	106	403462	10.929	ug/l		100
66) Styrene	10.14	104	707083	11.571	ug/l		100
67) Bromoform	10.32	173	138150	10.111	ug/l		99
69) Isopropylbenzene	10.51	105	1053200	10.942	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.81	83	234889	9.767	ug/l	#	65
71) 1,2,3-Trichloropropane	10.86	75	166553m	9.222	ug/l		
72) Bromobenzene	10.81	156	279710	10.430	ug/l		97
73) n-propylbenzene	10.93	120	308826	11.489	ug/l		96
74) 2-Chlorotoluene	11.01	126	272036	10.793	ug/l		100
75) 1,3,5-Trimethylbenzene	11.11	105	902685	11.382	ug/l		100
76) 4-Chlorotoluene	11.12	126	283255	11.066	ug/l		98
77) tert-Butylbenzene	11.45	119	887713	10.914	ug/l		100
78) 1,2,4-Trimethylbenzene	11.49	105	910659	11.346	ug/l		100
79) sec-Butylbenzene	11.67	105	1150373	11.056	ug/l		100
80) Nitrobenzene	13.24	77	20928	25.969	ug/l		96
81) p-Isopropyltoluene	11.82	119	948577	11.394	ug/l	#	67
82) 1,3-Dichlorobenzene	11.77	146	533576	10.446	ug/l		99
83) 1,4-Dichlorobenzene	11.86	146	531758	10.856	ug/l		99
84) n-Butylbenzene	12.23	91	780038	11.416	ug/l		100
85) 1,2-Dichlorobenzene	12.24	146	499306	10.381	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	32032	10.459	ug/l		98
87) 1,2,4-Trichlorobenzene	13.86	180	203575	9.225	ug/l		99
88) Hexachlorobutadiene	14.04	225	169637	9.469	ug/l		100
89) Naphthalene	14.11	128	290019	8.907	ug/l		99
90) 1,2,3-Trichlorobenzene	14.35	180	205501	9.476	ug/l		100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103019\
Data File : VU035554.D
Acq On : 30 Oct 2019 11:55
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 31 01:26:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 07:13:39 2019
Response via : Initial Calibration