Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071119\
Data File : VU033207.D
Acq On : 12 Jul 2019 00:08
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED

Quant Time: Jul 12 06:53:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:19:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	32939	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	13264	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	14001	1.04	ug/l	0.00
Spiked Amount 1.000			Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	126911	9.860	ug/l	100
3) Chloromethane	1.32	50	136350	9.070	ug/l	99
4) Vinyl Chloride	1.40	62	151971	9.807	ug/l	99
5) Bromomethane	1.62	94	90784	9.389	ug/l	97
6) Chloroethane	1.69	64	93122	9.797	ug/l	96
7) Trichlorofluoromethane	1.87	101	207321	9.887	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	103959	9.660	ug/l	100
9) 1,1-Dichloroethene	2.27	96	104413	9.609	ug/l	98
10) Iodomethane	2.40	142	126732	11.050	ug/l	97
11) Allyl Chloride	2.58	41	171369	9.439	ug/l	100
12) Acrylonitrile	2.92	53	59617	19.809	ug/l	99
13) Acetone	2.31	43	119069	44.129	ug/l	98
14) Carbon Disulfide	2.46	76	387990	9.781	ug/l	98
15) Methylene Chloride	2.68	84	130304	8.971	ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	121636	9.774	ug/l	95
17) 1,1-Dichloroethane	3.42	63	179433	9.931	ug/l	100
18) 2-Butanone	4.25	43	139200	51.641	ug/l	100
19) Cyclohexane	4.97	56	145992m	10.571	ug/l	
20) Methylcyclohexane	6.39	83	157391	10.871	ug/l	100
21) 2,2-Dichloropropane	4.20	77	124095	8.175	ug/l	98
22) cis-1,2-Dichloroethene	4.20	96	103668	10.030	ug/l	99
23) Diethyl Ether	2.09	59	90588	9.563	ug/l	97
24) tert-Butyl Alcohol	2.82	59	113880	98.623	ug/l	99
25) Methyl tert-Butyl Ether	2.98	73	313930	9.911	ug/l	99
26) Bromochloromethane	4.52	128	45471	9.931	ug/l	99
27) Chloroform	4.65	83	186552	9.351	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	159660	10.109	ug/l	99
29) 1,1-Dichloropropene	5.11	75	139355	10.462	ug/l	100
30) Carbon Tetrachloride	5.11	117	140134	10.048	ug/l	97
31) Isopropyl Ether	3.55	45	248730	10.255	ug/l	99
32) Ethyl-t-butyl ether	4.05	59	251578	10.635	ug/l	97
33) Tert-Amyl methyl ether	5.56	73	236243	10.839	ug/l	99
34) Propionitrile	4.31	54	40622	53.189	ug/l #	95
35) Benzene	5.36	78	396444	10.209	ug/l	99
36) 1,2-Dichloroethane	5.38	62	128686	10.237	ug/l	100
37) Trichloroethene	6.16	130	103173	10.164	ug/l	96
38) 1,2-Dichloropropane	6.41	63	106370	10.126	ug/l	100
39) Methacrylonitrile	4.52	41	33458	10.566	ug/l	98
40) Methyl acrylate	4.40	55	52295	11.153	ug/l	98
41) Tetrahydrofuran	4.62	42	33539	20.191	ug/l	100
42) 1-Chlorobutane	5.04	56	189054	10.451	ug/l	99

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED

Quant Time: Jul 12 06:53:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U071119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 12 05:19:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.54	93	57399	10.219	ug/l		98
44) Bromodichloromethane	6.74	83	138361	9.996	ug/l		97
45) 4-Methyl-2-Pentanone	7.45	43	350496	55.413	ug/l		99
46) t-1,4-Dichloro-2-butene	10.50	75	59646m	22.148	ug/l		
47) Methyl methacrylate	6.61	69	104694	23.040	ug/l		100
48) Ethyl methacrylate	8.00	69	96531	11.303	ug/l		99
49) Toluene	7.62	92	248726	10.858	ug/l		100
50) t-1,3-Dichloropropene	7.86	75	127468	10.380	ug/l		99
51) cis-1,3-Dichloropropene	7.25	75	147314	10.384	ug/l		99
52) 1,1,2-Trichloroethane	8.05	97	79026	10.135	ug/l		98
53) 1,3-Dichloropropane	8.22	76	136646	10.339	ug/l		100
54) 2-Hexanone	8.35	43	247613	56.012	ug/l		99
55) Dibromochloromethane	8.46	129	94688	10.493	ug/l		98
56) 1,2-Dibromoethane	8.57	107	75936	10.527	ug/l		100
58) Tetrachloroethene	8.21	164	95665	10.313	ug/l		98
59) Chlorobenzene	9.10	112	272335	10.579	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.19	131	99033	10.439	ug/l		99
61) Pentachloroethane	11.09	117	77304	10.367	ug/l		99
62) Hexachloroethane	12.13	117	77513	10.706	ug/l		100
63) Ethyl Benzene	9.23	91	480488	11.415	ug/l		99
64) m/p-Xylenes	9.36	106	377627	22.959	ug/l		99
65) o-Xylene	9.76	106	179718	11.240	ug/l		98
66) Styrene	9.77	104	315284	11.682	ug/l		100
67) Bromoform	9.94	173	54556	10.633	ug/l		99
69) Isopropylbenzene	10.15	105	472946	11.378	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.44	83	110869	10.445	ug/l		100
71) 1,2,3-Trichloropropane	10.48	75	81767m	10.279	ug/l		
72) Bromobenzene	10.43	156	116802	10.833	ug/l		98
73) n-propylbenzene	10.57	120	137454	11.674	ug/l		100
74) 2-Chlorotoluene	10.64	126	118729	11.173	ug/l		99
75) 1,3,5-Trimethylbenzene	10.76	105	427139	11.871	ug/l		99
76) 4-Chlorotoluene	10.76	126	120916	11.145	ug/l		94
77) tert-Butylbenzene	11.08	119	396454	11.443	ug/l		100
78) 1,2,4-Trimethylbenzene	11.13	105	435409	11.842	ug/l		100
79) sec-Butylbenzene	11.31	105	545807	11.479	ug/l		99
80) Nitrobenzene	12.85	77	18377	44.547	ug/l	#	97
81) p-Isopropyltoluene	11.46	119	452211	11.695	ug/l		100
82) 1,3-Dichlorobenzene	11.40	146	239737	10.775	ug/l		99
83) 1,4-Dichlorobenzene	11.49	146	243116	10.853	ug/l		100
84) n-Butylbenzene	11.87	91	438503	11.379	ug/l		99
85) 1,2-Dichlorobenzene	11.86	146	227539	10.692	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	18179	10.812	ug/l		97
87) 1,2,4-Trichlorobenzene	13.49	180	147819	11.281	ug/l		100
88) Hexachlorobutadiene	13.68	225	78436	10.362	ug/l		99
89) Naphthalene	13.73	128	287030	9.731	ug/l		99
90) 1,2,3-Trichlorobenzene	13.97	180	141693	11.321	ug/l		98

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

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