Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030013.D
Acq On : 12 Mar 2019 18:07
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 13 06:52:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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3/13/2019 12:56:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	62178	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	23646	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	27225	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery = 106.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	225861	9.905	ug/l	99
3) Chloromethane	1.33	50	246940	9.545	ug/l	97
4) Vinyl Chloride	1.40	62	221518	9.990	ug/l	100
5) Bromomethane	1.62	94	120951	9.544	ug/l	98
6) Chloroethane	1.70	64	128295	10.022	ug/l	99
7) Trichlorofluoromethane	1.88	101	284975	9.907	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	154796	9.893	ug/l	99
9) 1,1-Dichloroethene	2.28	96	155513	10.024	ug/l	99
10) Iodomethane	2.41	142	159460	11.863	ug/l	99
11) Allyl Chloride	2.59	41	213486	9.731	ug/l	99
12) Acrylonitrile	2.93	53	65647	19.537	ug/l	99
13) Acetone	2.32	43	126144	43.123	ug/l	100
14) Carbon Disulfide	2.48	76	520276	9.625	ug/l	99
15) Methylene Chloride	2.70	84	174894	9.468	ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	174607	9.747	ug/l	99
17) 1,1-Dichloroethane	3.44	63	300172	9.911	ug/l	99
18) 2-Butanone	4.27	43	207837	51.319	ug/l	98
19) Cyclohexane	4.99	56	265534m	10.233	ug/l	
20) Methylcyclohexane	6.41	83	299157	10.447	ug/l	99
21) 2,2-Dichloropropane	4.22	77	238870	9.379	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	197483	9.916	ug/l	99
23) Diethyl Ether	2.10	59	115695	9.981	ug/l	99
24) tert-Butyl Alcohol	2.83	59	121892	98.258	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	393321	10.039	ug/l	99
26) Bromochloromethane	4.54	128	86214	9.895	ug/l	99
27) Chloroform	4.67	83	307157	9.639	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	266600	10.168	ug/l	99
29) 1,1-Dichloropropene	5.13	75	238393	9.987	ug/l	99
30) Carbon Tetrachloride	5.13	117	236042	10.071	ug/l	100
31) Isopropyl Ether	3.57	45	437734	10.270	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	422926	10.299	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	392315	10.437	ug/l	99
34) Propionitrile	4.33	54	65157	57.716	ug/l #	94
35) Benzene	5.38	78	705001	10.095	ug/l	99
36) 1,2-Dichloroethane	5.40	62	182841	9.792	ug/l	100
37) Trichloroethene	6.18	130	200127	9.949	ug/l	99
38) 1,2-Dichloropropane	6.43	63	177776	10.014	ug/l	97
39) Methacrylonitrile	4.55	41	50315	10.220	ug/l #	93
40) Methyl acrylate	4.42	55	83280	10.706	ug/l	97
41) Tetrahydrofuran	4.65	42	52342	19.222	ug/l	98
42) 1-Chlorobutane	5.06	56	318663	10.193	ug/l	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:21:52 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

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3/13/2019 12:56:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	90437	9.846	ug/l		99
44) Bromodichloromethane	6.75	83	224796	10.259	ug/l		99
45) 4-Methyl-2-Pentanone	7.46	43	481253	53.034	ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	88045m	19.800	ug/l		
47) Methyl methacrylate	6.62	69	168729	21.929	ug/l		98
48) Ethyl methacrylate	8.02	69	166157	11.450	ug/l		99
49) Toluene	7.63	92	444932	10.574	ug/l		98
50) t-1,3-Dichloropropene	7.88	75	210912	10.749	ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	257664	10.446	ug/l		100
52) 1,1,2-Trichloroethane	8.06	97	135159	10.409	ug/l		99
53) 1,3-Dichloropropane	8.24	76	221417	10.196	ug/l		99
54) 2-Hexanone	8.36	43	336692	51.497	ug/l		99
55) Dibromochloromethane	8.47	129	165037	10.566	ug/l		99
56) 1,2-Dibromoethane	8.58	107	128357	10.272	ug/l		98
58) Tetrachloroethene	8.22	164	185094	10.133	ug/l		98
59) Chlorobenzene	9.12	112	498614	10.370	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.21	131	174556	10.278	ug/l		99
61) Pentachloroethane	11.10	117	132954	10.144	ug/l		100
62) Hexachloroethane	12.14	117	139707	10.579	ug/l		99
63) Ethyl Benzene	9.25	91	844092	10.689	ug/l		100
64) m/p-Xylenes	9.37	106	674260	21.702	ug/l		99
65) o-Xylene	9.77	106	324686	10.655	ug/l		100
66) Styrene	9.79	104	550226	11.016	ug/l		99
67) Bromoform	9.95	173	98629	11.047	ug/l		97
69) Isopropylbenzene	10.16	105	851150	10.713	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.45	83	166035	10.375	ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	116372m	9.673	ug/l		
72) Bromobenzene	10.45	156	217613	10.443	ug/l		99
73) n-propylbenzene	10.58	120	245984	10.913	ug/l		99
74) 2-Chlorotoluene	10.66	126	207652	10.520	ug/l		99
75) 1,3,5-Trimethylbenzene	10.77	105	730793	10.796	ug/l		100
76) 4-Chlorotoluene	10.77	126	210834	10.464	ug/l		97
77) tert-Butylbenzene	11.10	119	714778	10.788	ug/l		100
78) 1,2,4-Trimethylbenzene	11.14	105	757167	10.999	ug/l		99
79) sec-Butylbenzene	11.32	105	959536	10.811	ug/l		100
80) Nitrobenzene	12.86	77	15162	53.039	ug/l	#	98
81) p-Isopropyltoluene	11.47	119	809528	10.873	ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	431111	10.245	ug/l		100
83) 1,4-Dichlorobenzene	11.50	146	429759	10.159	ug/l		99
84) n-Butylbenzene	11.89	91	756308	10.876	ug/l		100
85) 1,2-Dichlorobenzene	11.87	146	400744	10.232	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	24692	10.711	ug/l		97
87) 1,2,4-Trichlorobenzene	13.50	180	295356	10.449	ug/l		99
88) Hexachlorobutadiene	13.69	225	158304	10.333	ug/l		98
89) Naphthalene	13.74	128	509513	11.503	ug/l		100
90) 1,2,3-Trichlorobenzene	13.98	180	270434	10.560	ug/l		99

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

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