

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040219\
 Data File : VU030616.D
 Acq On : 02 Apr 2019 23:02
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU040219

Quant Time: Apr 03 02:53:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U040219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Apr 03 02:39:21 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	0.405	0.321	20.7	68	0.00
3 t	Chloromethane	0.485	0.463	4.5	87	0.00
4 Rt	Vinyl Chloride	0.465	0.473	-1.7	89	0.00
5 T	Bromomethane	0.218	0.239	-9.6	104	0.00
6 T	Chloroethane	0.262	0.276	-5.3	93	0.00
7 T	Trichlorofluoromethane	0.536	0.580	-8.2	92	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.269	0.315	-17.1	100	0.00
9 Rt	1,1-Dichloroethene	0.266	0.327	-22.9	107	0.00
10 t	Iodomethane	0.342	0.425	-24.3	98	0.00
11 t	Allyl Chloride	0.577	0.701	-21.5	104	0.00
12 t	Acrylonitrile	0.087	0.249	-186.2#	254#	0.00
13 T	Acetone	0.082	0.083	-1.2	96	0.00
14 T	Carbon Disulfide	0.969	1.158	-19.5	105	0.00
15 RT	Methylene Chloride	0.362	0.388	-7.2	106	0.00
16 RT	trans-1,2-Dichloroethene	0.300	0.363	-21.0	107	0.00
17 t	1,1-Dichloroethane	0.621	0.721	-16.1	101	0.00
18 T	2-Butanone	0.108	0.126	-16.7	96	0.00
19	Cyclohexane	0.512	0.662	-29.3	106	0.00
20	Methylcyclohexane	0.427	0.542	-26.9	101	0.00
21 T	2,2-Dichloropropane	0.479	0.515	-7.5	92	0.00
22 RT	cis-1,2-Dichloroethene	0.317	0.381	-20.2	99	0.00
23 t	Diethyl Ether	0.269	0.291	-8.2	95	0.00
24 t	tert-Butyl Alcohol	0.032	0.017	46.9#	46	0.00
25 t	Methyl tert-Butyl Ether	0.833	0.969	-16.3	102	0.00
26 t	Bromochloromethane	0.136	0.144	-5.9	89	0.00
27 t	Chloroform	0.582	0.664	-14.1	99	0.00
28 RT	1,1,1-Trichloroethane	0.478	0.576	-20.5	103	0.00
29 T	1,1-Dichloropropene	0.419	0.506	-20.8	100	0.00
30 RT	Carbon Tetrachloride	0.416	0.484	-16.3	99	0.00
31 t	Isopropyl Ether	1.026	1.298	-26.5	108	0.00
32	Ethyl-t-butyl ether	0.824	0.000	100.0#	0#	-4.07#
33	Tert-Amyl methyl ether	0.675	0.000	100.0#	0#	-5.58#
34 t	Propionitrile	0.027	0.074	-174.1#	216#	0.00
35 RT	Benzene	1.233	1.532	-24.2	105	0.00
36 RT	1,2-Dichloroethane	0.393	0.469	-19.3	102	0.00
37 RT	Trichloroethene	0.296	0.348	-17.6	100	0.00
38 Rt	1,2-Dichloropropane	0.355	0.415	-16.9	100	0.00
39 t	Methacrylonitrile	0.132	0.158	-19.7	98	0.00
40 t	Methyl acrylate	0.161	0.221	-37.3#	99	0.00
41 t	Tetrahydrofuran	0.071	0.218	-207.0#	255#	0.00
42 t	1-Chlorobutane	0.642	0.773	-20.4	99	0.00
43 T	Dibromomethane	0.164	0.203	-23.8	103	0.00
44 T	Bromodichloromethane	0.431	0.522	-21.1	104	0.00
45 T	4-Methyl-2-Pentanone	0.239	0.297	-24.3	98	0.00
46 t	t-1,4-Dichloro-2-butene	0.081	0.049	39.5#	47	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.150	0.100	33.3#	50	0.00
48 t	Ethyl methacrylate	0.280	0.390	-39.3#	108	0.00
49 Rt	Toluene	0.670	0.877	-30.9#	104	0.00
50 T	t-1,3-Dichloropropene	0.370	0.495	-33.8#	106	0.00
51 T	cis-1,3-Dichloropropene	0.447	0.564	-26.2	103	0.00
52 RT	1,1,2-Trichloroethane	0.235	0.285	-21.3	104	0.00
53 t	1,3-Dichloropropane	0.413	0.514	-24.5	103	0.00
54 t	2-Hexanone	0.158	0.205	-29.7	101	0.00
55 t	Dibromochloromethane	0.265	0.324	-22.3	103	0.00
56 T	1,2-Dibromoethane	0.211	0.267	-26.5	105	0.00
57 S	4-Bromofluorobenzene	0.354	0.403	-13.8	92	0.00
58 RT	Tetrachloroethene	0.260	0.322	-23.8	105	0.00
59 Rt	Chlorobenzene	0.730	0.884	-21.1	101	0.00
60 T	1,1,1,2-Tetrachloroethane	0.277	0.331	-19.5	102	0.00
61 t	Pentachloroethane	0.212	0.261	-23.1	104	0.00
62 t	Hexachloroethane	0.201	0.248	-23.4	104	0.00
63 Rt	Ethyl Benzene	1.220	1.662	-36.2#	105	0.00
64 RT	m/p-Xylenes	0.440	0.603	-37.0#	104	0.00
65 RT	o-Xylene	0.431	0.568	-31.8#	102	0.00
66 RT	Styrene	0.743	1.027	-38.2#	104	0.00
67 t	Bromoform	0.151	0.187	-23.8	105	0.00
68 S	1,2-Dichlorobenzene-d4	0.340	0.383	-12.6	90	0.00
69 T	Isopropylbenzene	1.152	1.593	-38.3#	106	0.00
70 T	1,1,2,2-Tetrachloroethane	0.311	0.374	-20.3	103	0.00
71 T	1,2,3-Trichloropropane	0.235	0.292	-24.3	111	0.00
72 t	Bromobenzene	0.287	0.367	-27.9	104	0.00
73 t	n-propylbenzene	0.307	0.406	-32.2#	99	0.00
74 t	2-Chlorotoluene	0.277	0.354	-27.8	101	0.00
75 t	1,3,5-Trimethylbenzene	0.974	1.342	-37.8#	104	0.00
76 t	4-Chlorotoluene	0.284	0.363	-27.8	100	0.00
77 t	tert-Butylbenzene	0.946	1.218	-28.8	101	0.00
78 t	1,2,4-Trimethylbenzene	0.992	1.341	-35.2#	101	0.00
79 t	sec-Butylbenzene	1.290	1.567	-21.5	94	0.00
80	Nitrobenzene	0.008	0.002	75.0#	20#	0.00
81 t	p-Isopropyltoluene	1.009	1.370	-35.8#	101	0.00
82 t	1,3-Dichlorobenzene	0.569	0.674	-18.5	99	0.00
83 Rt	1,4-Dichlorobenzene	0.562	0.685	-21.9	100	0.00
84 t	n-Butylbenzene	1.024	1.374	-34.2#	100	0.00
85 Rt	1,2-Dichlorobenzene	0.540	0.630	-16.7	99	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.048	0.059	-22.9	100	0.00
87 Rt	1,2,4-Trichlorobenzene	0.321	0.430	-34.0#	104	0.00
88 t	Hexachlorobutadiene	0.191	0.236	-23.6	103	0.00
89 t	Naphthalene	0.562	0.771	-37.2#	101	0.00
90 t	1,2,3-Trichlorobenzene	0.319	0.405	-27.0	101	0.00

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(#) = Out of Range	SPCC's out = 0 CCC's out = 0			