

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU043018\
 Data File : VU023533.D
 Acq On : 30 Apr 2018 17:46
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU043018

Quant Time: May 01 05:17:32 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\524U043018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 01 05:06:52 2018
 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	102	0.00
2 T	Dichlorodifluoromethane	0.325	0.285	12.3	91	0.00
3 t	Chloromethane	0.376	0.347	7.7	102	0.00
4 Rt	Vinyl Chloride	0.361	0.354	1.9	103	0.00
5 T	Bromomethane	0.193	0.201	-4.1	109	0.00
6 T	Chloroethane	0.201	0.197	2.0	104	0.00
7 T	Trichlorofluoromethane	0.414	0.423	-2.2	106	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.255	0.262	-2.7	108	0.00
9 Rt	1,1-Dichloroethene	0.236	0.245	-3.8	108	0.00
10 t	Iodomethane	0.281	0.302	-7.5	103	0.00
11 t	Allyl Chloride	0.434	0.475	-9.4	114	0.00
12 t	Acrylonitrile	0.049	0.130	-165.3#	267#	0.00
13 T	Acetone	0.041	0.061	-48.8#	163	0.00
14 T	Carbon Disulfide	0.777	0.801	-3.1	109	0.00
15 RT	Methylene Chloride	0.269	0.257	4.5	108	0.00
16 RT	trans-1,2-Dichloroethene	0.253	0.263	-4.0	111	0.00
17 t	1,1-Dichloroethane	0.499	0.516	-3.4	109	0.00
18 T	2-Butanone	0.067	0.079	-17.9	122	0.00
19	Cyclohexane	0.431	0.443	-2.8	107	0.00
20	Methylcyclohexane	0.440	0.490	-11.4	110	0.00
21 T	2,2-Dichloropropane	0.395	0.415	-5.1	110	0.00
22 RT	cis-1,2-Dichloroethene	0.274	0.286	-4.4	109	0.00
23 t	Diethyl Ether	0.193	0.199	-3.1	107	0.00
24 t	tert-Butyl Alcohol	0.015	0.008	46.7#	57	-0.02
25 t	Methyl tert-Butyl Ether	0.594	0.612	-3.0	107	0.00
26 t	Bromochloromethane	0.108	0.104	3.7	102	0.00
27 t	Chloroform	0.470	0.470	0.0	106	0.00
28 RT	1,1,1-Trichloroethane	0.385	0.405	-5.2	110	0.00
29 T	1,1-Dichloropropene	0.378	0.387	-2.4	106	0.00
30 RT	Carbon Tetrachloride	0.324	0.346	-6.8	109	0.00
31 t	Isopropyl Ether	0.842	0.875	-3.9	109	0.00
32	Ethyl-t-butyl ether	0.719	0.000	100.0#	0#	-4.09#
33	Tert-Amyl methyl ether	0.609	0.000	100.0#	0#	-5.59#
34 t	Propionitrile	0.019	0.038	-100.0#	210#	0.00
35 RT	Benzene	1.123	1.209	-7.7	108	0.00
36 RT	1,2-Dichloroethane	0.318	0.326	-2.5	106	0.00
37 RT	Trichloroethene	0.302	0.312	-3.3	108	0.00
38 Rt	1,2-Dichloropropane	0.308	0.323	-4.9	107	0.00
39 t	Methacrylonitrile	0.097	0.096	1.0	106	0.00
40 t	Methyl acrylate	0.135	0.145	-7.4	108	0.00
41 t	Tetrahydrofuran	0.050	0.114	-128.0#	257#	0.00
42 t	1-Chlorobutane	0.548	0.569	-3.8	107	0.00
43 T	Dibromomethane	0.133	0.140	-5.3	108	0.00
44 T	Bromodichloromethane	0.333	0.356	-6.9	109	0.00
45 T	4-Methyl-2-Pentanone	0.157	0.176	-12.1	108	0.00
46 t	t-1,4-Dichloro-2-butene	0.046	0.028	39.1#	63	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.120	0.066	45.0#	53	0.00
48 t	Ethyl methacrylate	0.210	0.248	-18.1	110	0.00
49 Rt	Toluene	0.649	0.726	-11.9	109	0.00
50 T	t-1,3-Dichloropropene	0.284	0.341	-20.1	114	0.00
51 T	cis-1,3-Dichloropropene	0.370	0.426	-15.1	112	0.00
52 RT	1,1,2-Trichloroethane	0.189	0.205	-8.5	111	0.00
53 t	1,3-Dichloropropane	0.335	0.362	-8.1	108	0.00
54 t	2-Hexanone	0.107	0.133	-24.3	118	0.00
55 t	Dibromochloromethane	0.207	0.224	-8.2	106	0.00
56 T	1,2-Dibromoethane	0.162	0.179	-10.5	110	0.00
57 S	4-Bromofluorobenzene	0.327	0.347	-6.1	101	0.00
58 RT	Tetrachloroethene	0.275	0.298	-8.4	109	0.00
59 Rt	Chlorobenzene	0.695	0.760	-9.4	109	0.00
60 T	1,1,1,2-Tetrachloroethane	0.236	0.252	-6.8	107	0.00
61 t	Pentachloroethane	0.167	0.179	-7.2	112	0.00
62 t	Hexachloroethane	0.161	0.171	-6.2	107	0.00
63 Rt	Ethyl Benzene	1.155	1.348	-16.7	110	0.00
64 RT	m/p-Xylenes	0.445	0.521	-17.1	110	0.00
65 RT	o-Xylene	0.429	0.487	-13.5	107	0.00
66 RT	Styrene	0.707	0.807	-14.1	105	0.00
67 t	Bromoform	0.108	0.119	-10.2	108	0.00
68 S	1,2-Dichlorobenzene-d4	0.317	0.322	-1.6	100	0.00
69 T	Isopropylbenzene	1.105	1.324	-19.8	113	0.00
70 T	1,1,2,2-Tetrachloroethane	0.213	0.226	-6.1	107	0.00
71 T	1,2,3-Trichloropropane	0.152	0.164	-7.9	111	0.00
72 t	Bromobenzene	0.275	0.304	-10.5	108	0.00
73 t	n-propylbenzene	0.305	0.364	-19.3	112	0.00
74 t	2-Chlorotoluene	0.270	0.309	-14.4	111	0.00
75 t	1,3,5-Trimethylbenzene	0.931	1.110	-19.2	111	0.00
76 t	4-Chlorotoluene	0.280	0.322	-15.0	110	0.00
77 t	tert-Butylbenzene	0.872	1.004	-15.1	110	0.00
78 t	1,2,4-Trimethylbenzene	0.939	1.110	-18.2	110	0.00
79 t	sec-Butylbenzene	1.221	1.342	-9.9	105	0.00
80	Nitrobenzene	0.007	0.002	71.4#	22	0.00
81 t	p-Isopropyltoluene	1.003	1.181	-17.7	110	0.00
82 t	1,3-Dichlorobenzene	0.549	0.596	-8.6	109	0.00
83 Rt	1,4-Dichlorobenzene	0.548	0.604	-10.2	109	0.00
84 t	n-Butylbenzene	0.979	1.156	-18.1	111	0.00
85 Rt	1,2-Dichlorobenzene	0.496	0.531	-7.1	108	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.030	0.034	-13.3	115	0.00
87 Rt	1,2,4-Trichlorobenzene	0.358	0.424	-18.4	117	0.00
88 t	Hexachlorobutadiene	0.217	0.234	-7.8	110	0.00
89 t	Naphthalene	0.540	0.680	-25.9	114	0.00
90 t	1,2,3-Trichlorobenzene	0.336	0.372	-10.7	109	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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