

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080318\
 Data File : VU025812.D
 Acq On : 03 Aug 2018 11:37
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 04 05:36:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 27 15:10:58 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	96	0.00
2 T	Dichlorodifluoromethane	0.357	0.391	-9.5	105	0.00
3 t	Chloromethane	0.337	0.307	8.9	87	0.00
4 Rt	Vinyl Chloride	0.312	0.344	-10.3	104	0.00
5 T	Bromomethane	0.152	0.162	-6.6	107	0.00
6 T	Chloroethane	0.187	0.204	-9.1	107	0.00
7 T	Trichlorofluoromethane	0.455	0.516	-13.4	108	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.250	0.284	-13.6	109	0.00
9 Rt	1,1-Dichloroethene	0.220	0.245	-11.4	108	0.00
10 t	Iodomethane	0.151	0.135	10.6	64	0.00
11 t	Allyl Chloride	0.369	0.412	-11.7	105	0.00
12 t	Acrylonitrile	0.049	0.051	-4.1	105	0.00
13 T	Acetone	0.042	0.047	-11.9	111	0.00
14 T	Carbon Disulfide	0.754	0.827	-9.7	106	0.00
15 RT	Methylene Chloride	0.263	0.286	-8.7	110	0.00
16 RT	trans-1,2-Dichloroethene	0.247	0.275	-11.3	108	0.00
17 t	1,1-Dichloroethane	0.490	0.521	-6.3	100	0.00
18 T	2-Butanone	0.073	0.080	-9.6	102	0.00
19	Cyclohexane	0.378	0.432	-14.3	104	0.00
20	Methylcyclohexane	0.464	0.533	-14.9	106	0.00
21 T	2,2-Dichloropropane	0.467	0.553	-18.4	117	0.00
22 RT	cis-1,2-Dichloroethene	0.311	0.345	-10.9	107	0.00
23 t	Diethyl Ether	0.167	0.179	-7.2	102	0.00
24 t	tert-Butyl Alcohol	0.020	0.020	0.0	106	0.00
25 t	Methyl tert-Butyl Ether	0.596	0.634	-6.4	103	0.00
26 t	Bromochloromethane	0.137	0.149	-8.8	106	0.00
27 t	Chloroform	0.539	0.603	-11.9	108	0.00
28 RT	1,1,1-Trichloroethane	0.486	0.552	-13.6	109	0.00
29 T	1,1-Dichloropropene	0.399	0.463	-16.0	107	0.00
30 RT	Carbon Tetrachloride	0.441	0.511	-15.9	108	0.00
31 t	Isopropyl Ether	0.785	0.874	-11.3	106	0.00
32	Ethyl-t-butyl ether	0.746	0.820	-9.9	105	0.00
33	Tert-Amyl methyl ether	0.659	0.728	-10.5	104	0.00
34 t	Propionitrile	0.020	0.022	-10.0	105	0.00
35 RT	Benzene	1.114	1.276	-14.5	108	0.00
36 RT	1,2-Dichloroethane	0.342	0.385	-12.6	106	0.00
37 RT	Trichloroethene	0.328	0.361	-10.1	107	0.00
38 Rt	1,2-Dichloropropane	0.289	0.324	-12.1	105	0.00
39 t	Methacrylonitrile	0.094	0.100	-6.4	99	0.00
40 t	Methyl acrylate	0.142	0.147	-3.5	98	0.00
41 t	Tetrahydrofuran	0.055	0.051	7.3	98	0.00
42 t	1-Chlorobutane	0.543	0.625	-15.1	107	0.00
43 T	Dibromomethane	0.151	0.169	-11.9	104	0.00
44 T	Bromodichloromethane	0.382	0.442	-15.7	108	0.00
45 T	4-Methyl-2-Pentanone	0.168	0.186	-10.7	101	0.00
46 t	t-1,4-Dichloro-2-butene	0.057	0.081	-42.1#	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.126	0.142	-12.7	101	0.00
48 t	Ethyl methacrylate	0.254	0.283	-11.4	100	0.00
49 Rt	Toluene	0.681	0.807	-18.5	108	0.00
50 T	t-1,3-Dichloropropene	0.345	0.403	-16.8	108	0.00
51 T	cis-1,3-Dichloropropene	0.414	0.482	-16.4	107	0.00
52 RT	1,1,2-Trichloroethane	0.202	0.222	-9.9	102	0.00
53 t	1,3-Dichloropropane	0.342	0.387	-13.2	104	0.00
54 t	2-Hexanone	0.119	0.131	-10.1	100	0.00
55 t	Dibromochloromethane	0.257	0.300	-16.7	108	0.00
56 T	1,2-Dibromoethane	0.196	0.217	-10.7	103	0.00
57 S	4-Bromofluorobenzene	0.371	0.393	-5.9	96	0.00
58 RT	Tetrachloroethene	0.295	0.358	-21.4	113	0.00
59 Rt	Chlorobenzene	0.783	0.904	-15.5	107	0.00
60 T	1,1,1,2-Tetrachloroethane	0.291	0.336	-15.5	107	0.00
61 t	Pentachloroethane	0.222	0.254	-14.4	103	0.00
62 t	Hexachloroethane	0.227	0.271	-19.4	106	0.00
63 Rt	Ethyl Benzene	1.302	1.563	-20.0	108	0.00
64 RT	m/p-Xylenes	0.512	0.617	-20.5	107	0.00
65 RT	o-Xylene	0.488	0.584	-19.7	107	0.00
66 RT	Styrene	0.828	1.006	-21.5	107	0.00
67 t	Bromoform	0.152	0.176	-15.8	109	0.00
68 S	1,2-Dichlorobenzene-d4	0.412	0.414	-0.5	93	0.00
69 T	Isopropylbenzene	1.318	1.586	-20.3	108	0.00
70 T	1,1,2,2-Tetrachloroethane	0.254	0.274	-7.9	100	0.00
71 T	1,2,3-Trichloropropane	0.198	0.165	16.7	76	0.00
72 t	Bromobenzene	0.342	0.395	-15.5	107	0.00
73 t	n-propylbenzene	0.371	0.456	-22.9	107	0.00
74 t	2-Chlorotoluene	0.327	0.398	-21.7	108	0.00
75 t	1,3,5-Trimethylbenzene	1.151	1.400	-21.6	106	0.00
76 t	4-Chlorotoluene	0.344	0.414	-20.3	106	0.00
77 t	tert-Butylbenzene	1.135	1.343	-18.3	105	0.00
78 t	1,2,4-Trimethylbenzene	1.175	1.443	-22.8	107	0.00
79 t	sec-Butylbenzene	1.491	1.801	-20.8	106	0.00
80	Nitrobenzene	0.008	0.010	-25.0	103	0.00
81 t	p-Isopropyltoluene	1.265	1.563	-23.6	106	0.00
82 t	1,3-Dichlorobenzene	0.704	0.830	-17.9	108	0.00
83 Rt	1,4-Dichlorobenzene	0.686	0.830	-21.0	108	0.00
84 t	n-Butylbenzene	1.187	1.471	-23.9	107	0.00
85 Rt	1,2-Dichlorobenzene	0.643	0.746	-16.0	105	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.042	0.048	-14.3	100	0.00
87 Rt	1,2,4-Trichlorobenzene	0.448	0.538	-20.1	103	0.00
88 t	Hexachlorobutadiene	0.275	0.293	-6.5	97	0.00
89 t	Naphthalene	0.726	0.850	-17.1	98	0.00
90 t	1,2,3-Trichlorobenzene	0.409	0.479	-17.1	102	0.00

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