

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121418\
 Data File : VU028678.D
 Acq On : 13 Dec 2018 15:07
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 14 06:05:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U112618DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Nov 27 01:03:50 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	29	0.00
2 T	Dichlorodifluoromethane	0.360	0.378	-5.0	30	0.00
3 t	Chloromethane	0.612	0.573	6.4	28	0.00
4 Rt	Vinyl Chloride	0.419	0.443	-5.7	30	0.00
5 T	Bromomethane	0.165	0.169	-2.4	33	-0.02
6 T	Chloroethane	0.245	0.251	-2.4	30	0.00
7 T	Trichlorofluoromethane	0.458	0.493	-7.6	31	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.263	0.291	-10.6	31	0.00
9 Rt	1,1-Dichloroethene	0.243	0.256	-5.3	31	0.00
10 t	Iodomethane	0.165	0.290	-75.8#	46	0.00
11 t	Allyl Chloride	0.615	0.615	0.0	29	0.00
12 t	Acrylonitrile	0.078	0.082	-5.1	32	0.00
13 T	Acetone	0.072	0.068	5.6	30	-0.01
14 T	Carbon Disulfide	0.925	0.930	-0.5	29	0.00
15 RT	Methylene Chloride	0.297	0.309	-4.0	31	0.00
16 RT	trans-1,2-Dichloroethene	0.272	0.282	-3.7	30	0.00
17 t	1,1-Dichloroethane	0.607	0.632	-4.1	30	0.00
18 T	2-Butanone	0.107	0.113	-5.6	29	0.00
19	Cyclohexane	0.527	0.531	-0.8	28	0.00
20	Methylcyclohexane	0.516	0.491	4.8	26	0.00
21 T	2,2-Dichloropropane	0.488	0.498	-2.0	29	0.00
22 RT	cis-1,2-Dichloroethene	0.319	0.318	0.3	28	0.00
23 t	Diethyl Ether	0.244	0.257	-5.3	30	0.00
24 t	tert-Butyl Alcohol	0.024	0.026	-8.3	29	-0.03
25 t	Methyl tert-Butyl Ether	0.723	0.757	-4.7	30	0.00
26 t	Bromochloromethane	0.122	0.122	0.0	28	0.00
27 t	Chloroform	0.586	0.557	4.9	29	0.00
28 RT	1,1,1-Trichloroethane	0.457	0.474	-3.7	30	0.00
29 T	1,1-Dichloropropene	0.439	0.427	2.7	28	0.00
30 RT	Carbon Tetrachloride	0.369	0.368	0.3	29	0.00
31 t	Isopropyl Ether	1.088	1.128	-3.7	30	0.00
32	Ethyl-t-butyl ether	0.896	0.915	-2.1	29	0.00
33	Tert-Amyl methyl ether	0.743	0.744	-0.1	28	0.00
34 t	Propionitrile	0.027	0.031	-14.8	31	-0.01
35 RT	Benzene	1.292	1.243	3.8	27	0.00
36 RT	1,2-Dichloroethane	0.386	0.389	-0.8	29	0.00
37 RT	Trichloroethene	0.281	0.275	2.1	28	0.00
38 Rt	1,2-Dichloropropane	0.368	0.363	1.4	28	0.00
39 t	Methacrylonitrile	0.145	0.150	-3.4	30	0.00
40 t	Methyl acrylate	0.199	0.205	-3.0	30	0.00
41 t	Tetrahydrofuran	0.073	0.076	-4.1	30	0.00
42 t	1-Chlorobutane	0.698	0.674	3.4	27	0.00
43 T	Dibromomethane	0.157	0.155	1.3	28	0.00
44 T	Bromodichloromethane	0.414	0.400	3.4	28	0.00
45 T	4-Methyl-2-Pentanone	0.252	0.260	-3.2	29	0.00
46 t	t-1,4-Dichloro-2-butene	0.092	0.092	0.0	26	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.160	0.169	-5.6	29	0.00
48 t	Ethyl methacrylate	0.320	0.326	-1.9	28	0.00
49 Rt	Toluene	0.717	0.719	-0.3	27	0.00
50 T	t-1,3-Dichloropropene	0.398	0.391	1.8	27	0.00
51 T	cis-1,3-Dichloropropene	0.491	0.476	3.1	27	0.00
52 RT	1,1,2-Trichloroethane	0.220	0.230	-4.5	30	0.00
53 t	1,3-Dichloropropane	0.411	0.420	-2.2	29	0.00
54 t	2-Hexanone	0.181	0.183	-1.1	28	0.00
55 t	Dibromochloromethane	0.234	0.246	-5.1	29	0.00
56 T	1,2-Dibromoethane	0.201	0.209	-4.0	30	0.00
57 S	4-Bromofluorobenzene	0.367	0.382	-4.1	28	0.00
58 RT	Tetrachloroethene	0.258	0.268	-3.9	30	0.00
59 Rt	Chlorobenzene	0.747	0.768	-2.8	29	0.00
60 T	1,1,1,2-Tetrachloroethane	0.253	0.269	-6.3	30	0.00
61 t	Pentachloroethane	0.197	0.220	-11.7	32	0.00
62 t	Hexachloroethane	0.185	0.215	-16.2	33	0.00
63 Rt	Ethyl Benzene	1.378	1.448	-5.1	29	0.00
64 RT	m/p-Xylenes	0.499	0.546	-9.4	30	0.00
65 RT	o-Xylene	0.481	0.517	-7.5	29	0.00
66 RT	Styrene	0.825	0.909	-10.2	30	0.00
67 t	Bromoform	0.131	0.138	-5.3	29	0.00
68 S	1,2-Dichlorobenzene-d4	0.341	0.388	-13.8	33	0.00
69 T	Isopropylbenzene	1.288	1.382	-7.3	29	0.00
70 T	1,1,2,2-Tetrachloroethane	0.295	0.326	-10.5	31	0.00
71 T	1,2,3-Trichloropropane	0.206	0.212	-2.9	29	0.00
72 t	Bromobenzene	0.286	0.322	-12.6	31	0.00
73 t	n-propylbenzene	0.334	0.379	-13.5	30	0.00
74 t	2-Chlorotoluene	0.293	0.332	-13.3	31	0.00
75 t	1,3,5-Trimethylbenzene	1.084	1.216	-12.2	30	0.00
76 t	4-Chlorotoluene	0.297	0.338	-13.8	30	0.00
77 t	tert-Butylbenzene	1.021	1.148	-12.4	30	0.00
78 t	1,2,4-Trimethylbenzene	1.111	1.255	-13.0	31	0.00
79 t	sec-Butylbenzene	1.423	1.586	-11.5	30	0.00
80	Nitrobenzene	0.013	0.014	-7.7	28	0.00
81 t	p-Isopropyltoluene	1.131	1.267	-12.0	30	0.00
82 t	1,3-Dichlorobenzene	0.573	0.650	-13.4	31	0.00
83 Rt	1,4-Dichlorobenzene	0.570	0.652	-14.4	31	0.00
84 t	n-Butylbenzene	1.187	1.336	-12.6	29	0.00
85 Rt	1,2-Dichlorobenzene	0.545	0.609	-11.7	31	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.048	0.049	-2.1	29	0.00
87 Rt	1,2,4-Trichlorobenzene	0.383	0.410	-7.0	28	0.00
88 t	Hexachlorobutadiene	0.207	0.240	-15.9	32	0.00
89 t	Naphthalene	0.757	0.818	-8.1	29	0.00
90 t	1,2,3-Trichlorobenzene	0.361	0.392	-8.6	29	0.00

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