

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103019\
 Data File : VU035554.D
 Acq On : 30 Oct 2019 11:55
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 31 01:26:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	0.392	0.372	5.1	96	0.00
3 t	Chloromethane	0.480	0.441	8.1	99	0.00
4 Rt	Vinyl Chloride	0.425	0.402	5.4	93	0.00
5 T	Bromomethane	0.216	0.195	9.7	92	0.00
6 T	Chloroethane	0.244	0.236	3.3	97	0.00
7 T	Trichlorofluoromethane	0.525	0.510	2.9	98	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.285	0.270	5.3	98	0.00
9 Rt	1,1-Dichloroethene	0.275	0.259	5.8	97	0.00
10 t	Iodomethane	0.134	0.171	-27.6	82	0.00
11 t	Allyl Chloride	0.462	0.438	5.2	96	0.00
12 t	Acrylonitrile	0.069	0.067	2.9	100	0.00
13 T	Acetone	0.067	0.057	14.9	97	0.00
14 T	Carbon Disulfide	0.972	0.899	7.5	95	0.00
15 RT	Methylene Chloride	0.353	0.314	11.0	99	0.00
16 RT	trans-1,2-Dichloroethene	0.302	0.287	5.0	99	0.00
17 t	1,1-Dichloroethane	0.566	0.547	3.4	98	0.00
18 T	2-Butanone	0.087	0.082	5.7	95	0.00
19	Cyclohexane	0.449	0.445	0.9	93	0.00
20	Methylcyclohexane	0.460	0.458	0.4	93	0.00
21 T	2,2-Dichloropropane	0.489	0.461	5.7	99	0.00
22 RT	cis-1,2-Dichloroethene	0.323	0.325	-0.6	97	0.00
23 t	Diethyl Ether	0.227	0.220	3.1	98	0.00
24 t	tert-Butyl Alcohol	0.025	0.023	8.0	95	0.00
25 t	Methyl tert-Butyl Ether	0.737	0.708	3.9	98	0.00
26 t	Bromochloromethane	0.144	0.138	4.2	99	0.00
27 t	Chloroform	0.605	0.550	9.1	99	0.00
28 RT	1,1,1-Trichloroethane	0.479	0.457	4.6	98	0.00
29 T	1,1-Dichloropropene	0.402	0.401	0.2	97	0.00
30 RT	Carbon Tetrachloride	0.426	0.412	3.3	98	0.00
31 t	Isopropyl Ether	0.791	0.779	1.5	95	0.00
32	Ethyl-t-butyl ether	0.732	0.731	0.1	94	0.00
33	Tert-Amyl methyl ether	0.630	0.659	-4.6	96	0.00
34 t	Propionitrile	0.025	0.024	4.0	95	0.00
35 RT	Benzene	1.226	1.206	1.6	98	0.00
36 RT	1,2-Dichloroethane	0.351	0.340	3.1	100	0.00
37 RT	Trichloroethene	0.341	0.323	5.3	95	0.00
38 Rt	1,2-Dichloropropane	0.336	0.324	3.6	98	0.00
39 t	Methacrylonitrile	0.094	0.092	2.1	92	0.00
40 t	Methyl acrylate	0.144	0.151	-4.9	93	0.00
41 t	Tetrahydrofuran	0.049	0.048	2.0	93	0.00
42 t	1-Chlorobutane	0.553	0.552	0.2	95	0.00
43 T	Dibromomethane	0.168	0.163	3.0	98	0.00
44 T	Bromodichloromethane	0.419	0.406	3.1	99	0.00
45 T	4-Methyl-2-Pentanone	0.179	0.182	-1.7	94	0.00
46 t	t-1,4-Dichloro-2-butene	0.065	0.079	-21.5	102	0.00

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Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.139	0.150	-7.9	100	0.00
48 t	Ethyl methacrylate	0.243	0.262	-7.8	93	0.00
49 Rt	Toluene	0.705	0.743	-5.4	98	0.00
50 T	t-1,3-Dichloropropene	0.371	0.378	-1.9	95	0.00
51 T	cis-1,3-Dichloropropene	0.440	0.447	-1.6	97	0.00
52 RT	1,1,2-Trichloroethane	0.235	0.228	3.0	100	0.00
53 t	1,3-Dichloropropane	0.399	0.403	-1.0	100	0.00
54 t	2-Hexanone	0.127	0.129	-1.6	93	0.00
55 t	Dibromochloromethane	0.287	0.289	-0.7	99	0.00
56 T	1,2-Dibromoethane	0.215	0.221	-2.8	99	0.00
57 S	4-Bromofluorobenzene	0.360	0.392	-8.9	99	0.00
58 RT	Tetrachloroethene	0.312	0.308	1.3	99	0.00
59 Rt	Chlorobenzene	0.813	0.832	-2.3	97	0.00
60 T	1,1,1,2-Tetrachloroethane	0.313	0.308	1.6	99	0.00
61 t	Pentachloroethane	0.255	0.249	2.4	100	0.00
62 t	Hexachloroethane	0.233	0.233	0.0	99	0.00
63 Rt	Ethyl Benzene	1.263	1.387	-9.8	96	0.00
64 RT	m/p-Xylenes	0.499	0.562	-12.6	98	0.00
65 RT	o-Xylene	0.482	0.527	-9.3	97	0.00
66 RT	Styrene	0.798	0.923	-15.7	97	0.00
67 t	Bromoform	0.178	0.180	-1.1	98	0.00
68 S	1,2-Dichlorobenzene-d4	0.383	0.407	-6.3	98	0.00
69 T	Isopropylbenzene	1.256	1.375	-9.5	96	0.00
70 T	1,1,2,2-Tetrachloroethane	0.314	0.307	2.2	99	0.00
71 T	1,2,3-Trichloropropane	0.236	0.217	8.1	93	0.00
72 t	Bromobenzene	0.350	0.365	-4.3	98	0.00
73 t	n-propylbenzene	0.351	0.403	-14.8	98	0.00
74 t	2-Chlorotoluene	0.329	0.355	-7.9	98	0.00
75 t	1,3,5-Trimethylbenzene	1.035	1.178	-13.8	97	0.00
76 t	4-Chlorotoluene	0.334	0.370	-10.8	97	0.00
77 t	tert-Butylbenzene	1.062	1.159	-9.1	96	0.00
78 t	1,2,4-Trimethylbenzene	1.048	1.189	-13.5	96	0.00
79 t	sec-Butylbenzene	1.358	1.501	-10.5	95	0.00
80	Nitrobenzene	0.011	0.005	54.5#	84	0.00
81 t	p-Isopropyltoluene	1.087	1.238	-13.9	95	0.00
82 t	1,3-Dichlorobenzene	0.667	0.696	-4.3	97	0.00
83 Rt	1,4-Dichlorobenzene	0.639	0.694	-8.6	97	0.00
84 t	n-Butylbenzene	0.892	1.018	-14.1	91	0.00
85 Rt	1,2-Dichlorobenzene	0.628	0.652	-3.8	97	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.040	0.042	-5.0	97	0.00
87 Rt	1,2,4-Trichlorobenzene	0.226	0.266	-17.7	86	0.00
88 t	Hexachlorobutadiene	0.234	0.221	5.6	94	0.00
89 t	Naphthalene	0.308	0.379	-23.1	75	0.00
90 t	1,2,3-Trichlorobenzene	0.230	0.268	-16.5	86	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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