

Data Path : \\74.0.250.170\terastorage\voasrv\HPCHEM1\MSVOA_U\Data\VU102919\
 Data File : VU035547.D
 Acq On : 29 Oct 2019 19:48
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 30 07:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:38:55 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	96	0.00
2 T	Dichlorodifluoromethane	0.392	0.360	8.2	94	0.00
3 t	Chloromethane	0.480	0.417	13.1	95	0.00
4 Rt	Vinyl Chloride	0.425	0.402	5.4	95	0.00
5 T	Bromomethane	0.216	0.193	10.6	93	0.00
6 T	Chloroethane	0.244	0.232	4.9	96	0.00
7 T	Trichlorofluoromethane	0.525	0.491	6.5	96	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.285	0.267	6.3	99	0.00
9 Rt	1,1-Dichloroethene	0.275	0.254	7.6	96	0.00
10 t	Iodomethane	0.134	0.184	-37.3#	89	0.00
11 t	Allyl Chloride	0.462	0.431	6.7	96	0.00
12 t	Acrylonitrile	0.069	0.064	7.2	97	0.00
13 T	Acetone	0.067	0.053	20.9	91	0.01
14 T	Carbon Disulfide	0.972	0.895	7.9	96	0.00
15 RT	Methylene Chloride	0.353	0.306	13.3	98	0.00
16 RT	trans-1,2-Dichloroethene	0.302	0.283	6.3	99	0.00
17 t	1,1-Dichloroethane	0.566	0.538	4.9	98	0.00
18 T	2-Butanone	0.087	0.080	8.0	94	0.00
19	Cyclohexane	0.449	0.447	0.4	95	0.00
20	Methylcyclohexane	0.460	0.461	-0.2	95	0.00
21 T	2,2-Dichloropropane	0.489	0.425	13.1	93	0.00
22 RT	cis-1,2-Dichloroethene	0.323	0.323	0.0	98	0.00
23 t	Diethyl Ether	0.227	0.217	4.4	98	0.00
24 t	tert-Butyl Alcohol	0.025	0.019	24.0	79	0.02
25 t	Methyl tert-Butyl Ether	0.737	0.707	4.1	99	0.00
26 t	Bromochloromethane	0.144	0.136	5.6	99	0.00
27 t	Chloroform	0.605	0.542	10.4	99	0.00
28 RT	1,1,1-Trichloroethane	0.479	0.451	5.8	98	0.00
29 T	1,1-Dichloropropene	0.402	0.404	-0.5	99	0.00
30 RT	Carbon Tetrachloride	0.426	0.410	3.8	99	0.00
31 t	Isopropyl Ether	0.791	0.777	1.8	96	0.00
32	Ethyl-t-butyl ether	0.732	0.731	0.1	96	0.00
33	Tert-Amyl methyl ether	0.630	0.655	-4.0	97	0.00
34 t	Propionitrile	0.025	0.026	-4.0	104	0.00
35 RT	Benzene	1.226	1.181	3.7	97	0.00
36 RT	1,2-Dichloroethane	0.351	0.336	4.3	101	0.00
37 RT	Trichloroethene	0.341	0.324	5.0	97	0.00
38 Rt	1,2-Dichloropropane	0.336	0.320	4.8	98	0.00
39 t	Methacrylonitrile	0.094	0.098	-4.3	99	0.00
40 t	Methyl acrylate	0.144	0.161	-11.8	100	0.00
41 t	Tetrahydrofuran	0.049	0.048	2.0	96	0.00
42 t	1-Chlorobutane	0.553	0.560	-1.3	98	0.00
43 T	Dibromomethane	0.168	0.162	3.6	99	0.00
44 T	Bromodichloromethane	0.419	0.397	5.3	99	0.00
45 T	4-Methyl-2-Pentanone	0.179	0.187	-4.5	98	0.00
46 t	t-1,4-Dichloro-2-butene	0.065	0.084	-29.2	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.139	0.149	-7.2	101	0.00
48 t	Ethyl methacrylate	0.243	0.267	-9.9	96	0.00
49 Rt	Toluene	0.705	0.721	-2.3	96	0.00
50 T	t-1,3-Dichloropropene	0.371	0.369	0.5	94	0.00
51 T	cis-1,3-Dichloropropene	0.440	0.427	3.0	95	0.00
52 RT	1,1,2-Trichloroethane	0.235	0.225	4.3	100	0.00
53 t	1,3-Dichloropropane	0.399	0.390	2.3	98	0.00
54 t	2-Hexanone	0.127	0.129	-1.6	95	0.00
55 t	Dibromochloromethane	0.287	0.277	3.5	96	0.00
56 T	1,2-Dibromoethane	0.215	0.213	0.9	97	0.00
57 S	4-Bromofluorobenzene	0.360	0.370	-2.8	95	0.00
58 RT	Tetrachloroethene	0.312	0.299	4.2	97	0.00
59 Rt	Chlorobenzene	0.813	0.802	1.4	95	0.00
60 T	1,1,1,2-Tetrachloroethane	0.313	0.297	5.1	97	0.00
61 t	Pentachloroethane	0.255	0.242	5.1	98	0.00
62 t	Hexachloroethane	0.233	0.228	2.1	99	0.00
63 Rt	Ethyl Benzene	1.263	1.349	-6.8	95	0.00
64 RT	m/p-Xylenes	0.499	0.551	-10.4	98	0.00
65 RT	o-Xylene	0.482	0.507	-5.2	95	0.00
66 RT	Styrene	0.798	0.894	-12.0	96	0.00
67 t	Bromoform	0.178	0.172	3.4	95	0.00
68 S	1,2-Dichlorobenzene-d4	0.383	0.403	-5.2	98	0.00
69 T	Isopropylbenzene	1.256	1.336	-6.4	94	0.00
70 T	1,1,2,2-Tetrachloroethane	0.314	0.301	4.1	99	0.00
71 T	1,2,3-Trichloropropane	0.236	0.229	3.0	100	0.00
72 t	Bromobenzene	0.350	0.352	-0.6	96	0.00
73 t	n-propylbenzene	0.351	0.387	-10.3	95	0.00
74 t	2-Chlorotoluene	0.329	0.344	-4.6	97	0.00
75 t	1,3,5-Trimethylbenzene	1.035	1.167	-12.8	97	0.00
76 t	4-Chlorotoluene	0.334	0.360	-7.8	96	0.00
77 t	tert-Butylbenzene	1.062	1.139	-7.3	96	0.00
78 t	1,2,4-Trimethylbenzene	1.048	1.193	-13.8	97	0.00
79 t	sec-Butylbenzene	1.358	1.505	-10.8	97	0.00
80	Nitrobenzene	0.011	0.004	63.6#	67	0.00
81 t	p-Isopropyltoluene	1.087	1.249	-14.9	97	0.00
82 t	1,3-Dichlorobenzene	0.667	0.695	-4.2	98	0.00
83 Rt	1,4-Dichlorobenzene	0.639	0.696	-8.9	99	0.00
84 t	n-Butylbenzene	0.892	1.100	-23.3	99	0.00
85 Rt	1,2-Dichlorobenzene	0.628	0.662	-5.4	100	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.040	0.045	-12.5	105	0.00
87 Rt	1,2,4-Trichlorobenzene	0.226	0.324	-43.4#	106	0.00
88 t	Hexachlorobutadiene	0.234	0.256	-9.4	110	0.00
89 t	Naphthalene	0.308	0.431	-39.9#	87	0.00
90 t	1,2,3-Trichlorobenzene	0.230	0.322	-40.0#	104	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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