

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU031020\
 Data File : VU037143.D
 Acq On : 10 Mar 2020 09:41
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 10 12:12:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U030920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Mar 10 12:09:07 2020
 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	92	0.00
2 T	Dichlorodifluoromethane	0.488	0.491	-0.6	95	0.00
3 t	Chloromethane	0.485	0.455	6.2	87	0.00
4 Rt	Vinyl Chloride	0.427	0.423	0.9	91	0.00
5 T	Bromomethane	0.149	0.141	5.4	96	0.00
6 T	Chloroethane	0.204	0.197	3.4	92	0.00
7 T	Trichlorofluoromethane	0.518	0.529	-2.1	98	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.243	0.252	-3.7	98	0.00
9 Rt	1,1-Dichloroethene	0.231	0.240	-3.9	99	0.00
10 t	Iodomethane	0.100	0.189	-89.0#	140	0.00
11 t	Allyl Chloride	0.448	0.454	-1.3	98	0.00
12 t	Acrylonitrile	0.055	0.067	-21.8	117	0.00
13 T	Acetone	0.061	0.064	-4.9	116	0.00
14 T	Carbon Disulfide	0.770	0.781	-1.4	96	0.00
15 RT	Methylene Chloride	0.290	0.267	7.9	100	0.00
16 RT	trans-1,2-Dichloroethene	0.246	0.256	-4.1	99	0.00
17 t	1,1-Dichloroethane	0.569	0.572	-0.5	97	0.00
18 T	2-Butanone	0.093	0.100	-7.5	108	0.00
19	Cyclohexane	0.485	0.510	-5.2	95	0.00
20	Methylcyclohexane	0.479	0.504	-5.2	95	0.00
21 T	2,2-Dichloropropane	0.520	0.529	-1.7	99	0.00
22 RT	cis-1,2-Dichloroethene	0.304	0.320	-5.3	99	0.00
23 t	Diethyl Ether	0.196	0.205	-4.6	102	0.00
24 t	tert-Butyl Alcohol	0.021	0.025	-19.0	106	0.04
25 t	Methyl tert-Butyl Ether	0.678	0.716	-5.6	102	0.00
26 t	Bromochloromethane	0.134	0.140	-4.5	100	0.00
27 t	Chloroform	0.613	0.601	2.0	97	0.00
28 RT	1,1,1-Trichloroethane	0.523	0.530	-1.3	97	0.00
29 T	1,1-Dichloropropene	0.425	0.447	-5.2	99	0.00
30 RT	Carbon Tetrachloride	0.457	0.476	-4.2	97	0.00
31 t	Isopropyl Ether	0.909	0.927	-2.0	95	0.00
32	Ethyl-t-butyl ether	0.858	0.891	-3.8	96	0.00
33	Tert-Amyl methyl ether	0.736	0.776	-5.4	97	0.00
34 t	Propionitrile	0.024	0.029	-20.8	110	0.01
35 RT	Benzene	1.207	1.229	-1.8	97	0.00
36 RT	1,2-Dichloroethane	0.437	0.442	-1.1	99	0.00
37 RT	Trichloroethene	0.317	0.322	-1.6	100	0.00
38 Rt	1,2-Dichloropropane	0.331	0.342	-3.3	98	0.00
39 t	Methacrylonitrile	0.118	0.125	-5.9	99	0.00
40 t	Methyl acrylate	0.163	0.183	-12.3	108	0.00
41 t	Tetrahydrofuran	0.059	0.064	-8.5	103	0.00
42 t	1-Chlorobutane	0.612	0.641	-4.7	97	0.00
43 T	Dibromomethane	0.170	0.187	-10.0	105	0.00
44 T	Bromodichloromethane	0.442	0.462	-4.5	98	0.00
45 T	4-Methyl-2-Pentanone	0.228	0.249	-9.2	103	0.00
46 t	t-1,4-Dichloro-2-butene	0.062	0.076	-22.6	111	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.140	0.162	-15.7	101	0.00
48 t	Ethyl methacrylate	0.277	0.307	-10.8	99	0.00
49 Rt	Toluene	0.729	0.771	-5.8	94	0.00
50 T	t-1,3-Dichloropropene	0.398	0.432	-8.5	100	0.00
51 T	cis-1,3-Dichloropropene	0.455	0.481	-5.7	98	0.00
52 RT	1,1,2-Trichloroethane	0.226	0.244	-8.0	102	0.00
53 t	1,3-Dichloropropane	0.402	0.419	-4.2	98	0.00
54 t	2-Hexanone	0.157	0.179	-14.0	104	0.00
55 t	Dibromochloromethane	0.280	0.302	-7.9	99	0.00
56 T	1,2-Dibromoethane	0.214	0.235	-9.8	97	0.00
57 S	4-Bromofluorobenzene	0.387	0.472	-22.0	113	0.00
58 RT	Tetrachloroethene	0.297	0.301	-1.3	96	0.00
59 Rt	Chlorobenzene	0.813	0.835	-2.7	96	0.00
60 T	1,1,1,2-Tetrachloroethane	0.298	0.307	-3.0	94	0.00
61 t	Pentachloroethane	0.227	0.230	-1.3	93	0.00
62 t	Hexachloroethane	0.243	0.258	-6.2	97	0.00
63 Rt	Ethyl Benzene	1.388	1.508	-8.6	95	0.00
64 RT	m/p-Xylenes	0.525	0.578	-10.1	95	0.00
65 RT	o-Xylene	0.507	0.551	-8.7	95	0.00
66 RT	Styrene	0.830	0.944	-13.7	95	0.00
67 t	Bromoform	0.148	0.165	-11.5	98	0.00
68 S	1,2-Dichlorobenzene-d4	0.394	0.395	-0.3	92	0.00
69 T	Isopropylbenzene	1.382	1.498	-8.4	96	0.00
70 T	1,1,2,2-Tetrachloroethane	0.298	0.322	-8.1	101	0.00
71 T	1,2,3-Trichloropropane	0.244	0.293	-20.1	107	0.00
72 t	Bromobenzene	0.334	0.344	-3.0	99	0.00
73 t	n-propylbenzene	0.366	0.416	-13.7	97	0.00
74 t	2-Chlorotoluene	0.332	0.361	-8.7	96	0.00
75 t	1,3,5-Trimethylbenzene	1.197	1.331	-11.2	96	0.00
76 t	4-Chlorotoluene	0.334	0.374	-12.0	98	0.00
77 t	tert-Butylbenzene	1.167	1.236	-5.9	94	0.00
78 t	1,2,4-Trimethylbenzene	1.208	1.383	-14.5	96	0.00
79 t	sec-Butylbenzene	1.587	1.727	-8.8	96	0.00
80	Nitrobenzene	0.007	0.006	14.3	83	0.00
81 t	p-Isopropyltoluene	1.251	1.425	-13.9	96	0.00
82 t	1,3-Dichlorobenzene	0.663	0.699	-5.4	97	0.00
83 Rt	1,4-Dichlorobenzene	0.671	0.707	-5.4	98	0.00
84 t	n-Butylbenzene	1.185	1.379	-16.4	98	0.00
85 Rt	1,2-Dichlorobenzene	0.641	0.672	-4.8	99	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.053	0.060	-13.2	100	0.00
87 Rt	1,2,4-Trichlorobenzene	0.322	0.382	-18.6	99	0.00
88 t	Hexachlorobutadiene	0.199	0.208	-4.5	97	0.00
89 t	Naphthalene	0.547	0.690	-26.1	98	0.00
90 t	1,2,3-Trichlorobenzene	0.314	0.371	-18.2	101	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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