

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092220\
 Data File : VU040247.D
 Acq On : 22 Sep 2020 11:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 23 08:12:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091120DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 11 13:27:06 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	142	0.00
2 T	Dichlorodifluoromethane	0.442	0.473	-7.0	151	0.00
3 t	Chloromethane	0.354	0.427	-20.6	172	0.00
4 Rt	Vinyl Chloride	0.400	0.437	-9.2	159	0.00
5 T	Bromomethane	0.125	0.212	-69.6#	196	0.00
6 T	Chloroethane	0.229	0.236	-3.1	156	0.00
7 T	Trichlorofluoromethane	0.564	0.598	-6.0	153	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.252	0.250	0.8	138	0.00
9 Rt	1,1-Dichloroethene	0.193	0.184	4.7	140	0.00
10 t	Iodomethane	0.000	0.002	0.0	0#	0.00
11 t	Allyl Chloride	0.000	0.013	0.0	0#	0.12
12 t	Acrylonitrile	0.000	0.005	0.0	0#	0.05
13 T	Acetone	0.146	0.155	-6.2	148	0.00
14 T	Carbon Disulfide	0.337	0.299	11.3	135	0.00
15 RT	Methylene Chloride	0.324	0.259	20.1	135	0.00
16 RT	trans-1,2-Dichloroethene	0.207	0.208	-0.5	137	0.00
17 t	1,1-Dichloroethane	0.509	0.516	-1.4	144	0.00
18 T	2-Butanone	0.221	0.247	-11.8	150	0.01
19	Cyclohexane	0.316	0.346	-9.5	148	0.00
20	Methylcyclohexane	0.320	0.384	-20.0	154	0.00
21 T	2,2-Dichloropropane	0.000	0.001	0.0	0#	-0.01
22 RT	cis-1,2-Dichloroethene	0.261	0.278	-6.5	144	0.00
23 t	Diethyl Ether	0.012	0.016	-33.3#	145	0.21
24 t	tert-Butyl Alcohol	0.000	0.002	0.0	0#	0.00
25 t	Methyl tert-Butyl Ether	0.699	0.778	-11.3	152	0.00
26 t	Bromochloromethane	0.127	0.124	2.4	138	0.00
27 t	Chloroform	0.557	0.555	0.4	140	0.00
28 RT	1,1,1-Trichloroethane	0.468	0.476	-1.7	145	0.00
29 T	1,1-Dichloropropene	0.019	0.021	-10.5	151	0.25
30 RT	Carbon Tetrachloride	0.384	0.396	-3.1	143	0.00
31 t	Isopropyl Ether	0.000	0.000	0.0	0#	-0.16
32	Ethyl-t-butyl ether	0.000	0.011	0.0	0#	0.16
33	Tert-Amyl methyl ether	0.000	0.021	0.0	0#	-0.18
34 t	Propionitrile	0.000	0.000	0.0	0#	0.01
35 RT	Benzene	0.999	1.111	-11.2	151	0.00
36 RT	1,2-Dichloroethane	0.401	0.426	-6.2	150	0.00
37 RT	Trichloroethene	0.257	0.294	-14.4	158	0.00
38 Rt	1,2-Dichloropropane	0.309	0.339	-9.7	149	0.00
39 t	Methacrylonitrile	0.000	0.000	0.0	0#	-5.00#
40 t	Methyl acrylate	0.000	0.001	0.0	0#	-0.02
41 t	Tetrahydrofuran	0.000	0.002	0.0	0#	0.01
42 t	1-Chlorobutane	0.000	0.346	0.0	0#	-0.07
43 T	Dibromomethane	0.000	0.001	0.0	0#	-0.16
44 T	Bromodichloromethane	0.423	0.454	-7.3	150	0.00
45 T	4-Methyl-2-Pentanone	0.504	0.606	-20.2	154	0.00
46 t	t-1,4-Dichloro-2-butene	0.121	0.130	-7.4	148	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.035	0.041	-17.1	153	-0.21
48 t	Ethyl methacrylate	0.000	0.000	0.0	0#	-8.34#
49 Rt	Toluene	0.634	0.740	-16.7	153	0.00
50 T	t-1,3-Dichloropropene	0.396	0.449	-13.4	150	0.00
51 T	cis-1,3-Dichloropropene	0.407	0.478	-17.4	156	0.00
52 RT	1,1,2-Trichloroethane	0.246	0.256	-4.1	148	0.00
53 t	1,3-Dichloropropane	0.000	0.001	0.0	0#	0.00
54 t	2-Hexanone	0.356	0.431	-21.1	153	0.00
55 t	Dibromochloromethane	0.284	0.314	-10.6	152	0.00
56 T	1,2-Dibromoethane	0.226	0.244	-8.0	150	0.00
57 S	4-Bromofluorobenzene	0.415	0.427	-2.9	146	0.00
58 RT	Tetrachloroethene	0.191	0.223	-16.8	158	0.00
59 Rt	Chlorobenzene	0.745	0.831	-11.5	151	0.00
60 T	1,1,1,2-Tetrachloroethane	0.001	0.001	0.0	141	0.00
61 t	Pentachloroethane	0.039	0.047	-20.5	153	0.04
62 t	Hexachloroethane	0.000	0.000	0.0	0#	-12.47#
63 Rt	Ethyl Benzene	1.237	1.459	-17.9	149	0.00
64 RT	m/p-Xylenes	0.235	0.277	-17.9	149	0.00
65 RT	o-Xylene	0.451	0.547	-21.3	151	0.00
66 RT	Styrene	0.805	0.998	-24.0	152	0.00
67 t	Bromoform	0.149	0.174	-16.8	158	0.00
68 S	1,2-Dichlorobenzene-d4	0.373	0.388	-4.0	135	0.00
69 T	Isopropylbenzene	1.249	1.499	-20.0	149	0.00
70 T	1,1,2,2-Tetrachloroethane	0.320	0.342	-6.9	147	0.00
71 T	1,2,3-Trichloropropane	0.244	0.261	-7.0	148	0.00
72 t	Bromobenzene	0.000	0.000	0.0	0#	-10.78#
73 t	n-propylbenzene	0.507	0.647	-27.6	152	0.18
74 t	2-Chlorotoluene	0.000	0.000	0.0	0#	-10.98#
75 t	1,3,5-Trimethylbenzene	1.088	1.363	-25.3	149	0.00
76 t	4-Chlorotoluene	0.000	0.000	0.0	0#	-11.10#
77 t	tert-Butylbenzene	0.131	0.160	-22.1	150	0.04
78 t	1,2,4-Trimethylbenzene	1.083	1.352	-24.8	148	0.00
79 t	sec-Butylbenzene	1.083	1.352	-24.8	148	-0.18
80	Nitrobenzene	0.000	0.000	0.0	0#	0.00
81 t	p-Isopropyltoluene	0.000	0.000	0.0	0#	-11.79#
82 t	1,3-Dichlorobenzene	0.630	0.727	-15.4	155	0.00
83 Rt	1,4-Dichlorobenzene	0.615	0.728	-18.4	155	0.00
84 t	n-Butylbenzene	0.000	0.000	0.0	0#	0.00
85 Rt	1,2-Dichlorobenzene	0.587	0.691	-17.7	158	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.054	0.066	-22.2	157	0.00
87 Rt	1,2,4-Trichlorobenzene	0.337	0.480	-42.4#	171	0.00
88 t	Hexachlorobutadiene	0.000	0.000	0.0	0#	-14.01#
89 t	Naphthalene	0.622	0.963	-54.8#	164	0.00
90 t	1,2,3-Trichlorobenzene	0.320	0.448	-40.0#	168	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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