

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092220\
 Data File : VU040252.D
 Acq On : 22 Sep 2020 17:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 23 08:27:32 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	129	0.00
2 T	Dichlorodifluoromethane	0.442	0.445	-0.7	129	0.00
3 t	Chloromethane	0.354	0.429	-21.2	157	0.00
4 Rt	Vinyl Chloride	0.400	0.418	-4.5	139	0.00
5 T	Bromomethane	0.125	0.222	-77.6#	186	0.00
6 T	Chloroethane	0.229	0.243	-6.1	146	0.00
7 T	Trichlorofluoromethane	0.564	0.564	0.0	131	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.252	0.238	5.6	120	0.00
9 Rt	1,1-Dichloroethene	0.193	0.178	7.8	123	0.00
10 t	Iodomethane	0.000	0.000	0.0	0#	-2.73#
11 t	Allyl Chloride	0.000	0.016	0.0	0#	0.12
12 t	Acrylonitrile	0.000	0.004	0.0	0#	0.05
13 T	Acetone	0.146	0.140	4.1	121	-0.02
14 T	Carbon Disulfide	0.337	0.290	13.9	119	0.00
15 RT	Methylene Chloride	0.324	0.361	-11.4	170	0.00
16 RT	trans-1,2-Dichloroethene	0.207	0.204	1.4	122	0.00
17 t	1,1-Dichloroethane	0.509	0.503	1.2	127	0.00
18 T	2-Butanone	0.221	0.213	3.6	118	0.00
19	Cyclohexane	0.316	0.332	-5.1	129	-0.01
20	Methylcyclohexane	0.320	0.340	-6.3	124	0.00
21 T	2,2-Dichloropropane	0.000	0.004	0.0	0#	0.01
22 RT	cis-1,2-Dichloroethene	0.261	0.268	-2.7	126	0.00
23 t	Diethyl Ether	0.012	0.000	100.0#	0#	-2.39#
24 t	tert-Butyl Alcohol	0.000	0.000	0.0	0#	-3.21#
25 t	Methyl tert-Butyl Ether	0.699	0.698	0.1	124	0.00
26 t	Bromochloromethane	0.127	0.120	5.5	122	0.00
27 t	Chloroform	0.557	0.527	5.4	121	0.00
28 RT	1,1,1-Trichloroethane	0.468	0.454	3.0	125	0.00
29 T	1,1-Dichloropropene	0.019	0.000	100.0#	0#	-5.54#
30 RT	Carbon Tetrachloride	0.384	0.401	-4.4	132	0.00
31 t	Isopropyl Ether	0.000	0.000	0.0	0#	-4.02#
32	Ethyl-t-butyl ether	0.000	0.000	0.0	0#	-4.53#
33	Tert-Amyl methyl ether	0.000	0.000	0.0	0#	-5.96#
34 t	Propionitrile	0.000	0.000	0.0	0#	-4.81#
35 RT	Benzene	0.999	1.056	-5.7	131	0.00
36 RT	1,2-Dichloroethane	0.401	0.396	1.2	126	0.00
37 RT	Trichloroethene	0.257	0.275	-7.0	135	0.00
38 Rt	1,2-Dichloropropane	0.309	0.325	-5.2	130	0.00
39 t	Methacrylonitrile	0.000	0.000	0.0	0#	-5.00#
40 t	Methyl acrylate	0.000	0.000	0.0	0#	-4.87#
41 t	Tetrahydrofuran	0.000	0.000	0.0	0#	-5.09#
42 t	1-Chlorobutane	0.000	0.000	0.0	0#	-5.47#
43 T	Dibromomethane	0.000	0.000	0.0	0#	-6.93#
44 T	Bromodichloromethane	0.423	0.437	-3.3	131	0.00
45 T	4-Methyl-2-Pentanone	0.504	0.523	-3.8	121	0.00
46 t	t-1,4-Dichloro-2-butene	0.121	0.115	5.0	119	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.035	0.000	100.0#	0#	-6.98#
48 t	Ethyl methacrylate	0.000	0.000	0.0	0#	-8.34#
49 Rt	Toluene	0.634	0.706	-11.4	132	0.00
50 T	t-1,3-Dichloropropene	0.396	0.405	-2.3	123	0.00
51 T	cis-1,3-Dichloropropene	0.407	0.423	-3.9	125	0.00
52 RT	1,1,2-Trichloroethane	0.246	0.243	1.2	128	0.00
53 t	1,3-Dichloropropane	0.000	0.000	0.0	0#	-8.58#
54 t	2-Hexanone	0.356	0.368	-3.4	118	0.00
55 t	Dibromochloromethane	0.284	0.291	-2.5	128	0.00
56 T	1,2-Dibromoethane	0.226	0.225	0.4	126	0.00
57 S	4-Bromofluorobenzene	0.415	0.416	-0.2	130	0.00
58 RT	Tetrachloroethene	0.191	0.218	-14.1	140	0.00
59 Rt	Chlorobenzene	0.745	0.787	-5.6	130	0.00
60 T	1,1,1,2-Tetrachloroethane	0.001	0.000	100.0#	0#	-9.53#
61 t	Pentachloroethane	0.039	0.000	100.0#	0#	-11.42#
62 t	Hexachloroethane	0.000	0.000	0.0	0#	-12.47#
63 Rt	Ethyl Benzene	1.237	1.394	-12.7	129	0.00
64 RT	m/p-Xylenes	0.235	0.271	-15.3	133	0.00
65 RT	o-Xylene	0.451	0.525	-16.4	132	0.00
66 RT	Styrene	0.805	0.966	-20.0	133	0.00
67 t	Bromoform	0.149	0.159	-6.7	132	0.00
68 S	1,2-Dichlorobenzene-d4	0.373	0.423	-13.4	134	0.00
69 T	Isopropylbenzene	1.249	1.432	-14.7	129	0.00
70 T	1,1,2,2-Tetrachloroethane	0.320	0.306	4.4	119	0.00
71 T	1,2,3-Trichloropropane	0.244	0.231	5.3	119	0.00
72 t	Bromobenzene	0.000	0.000	0.0	0#	-10.78#
73 t	n-propylbenzene	0.507	0.000	100.0#	0#	-10.90#
74 t	2-Chlorotoluene	0.000	0.000	0.0	0#	-10.98#
75 t	1,3,5-Trimethylbenzene	1.088	1.276	-17.3	127	0.00
76 t	4-Chlorotoluene	0.000	0.000	0.0	0#	-11.10#
77 t	tert-Butylbenzene	0.131	0.158	-20.6	135	0.05
78 t	1,2,4-Trimethylbenzene	1.083	1.271	-17.4	127	0.00
79 t	sec-Butylbenzene	1.083	0.000	100.0#	0#	-11.64#
80	Nitrobenzene	0.000	0.000	0.0	0#	-13.20#
81 t	p-Isopropyltoluene	0.000	0.000	0.0	0#	-11.79#
82 t	1,3-Dichlorobenzene	0.630	0.700	-11.1	135	0.00
83 Rt	1,4-Dichlorobenzene	0.615	0.707	-15.0	136	0.00
84 t	n-Butylbenzene	0.000	0.000	0.0	0#	-12.20#
85 Rt	1,2-Dichlorobenzene	0.587	0.654	-11.4	136	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.054	0.054	0.0	118	0.00
87 Rt	1,2,4-Trichlorobenzene	0.337	0.433	-28.5	140	0.00
88 t	Hexachlorobutadiene	0.000	0.000	0.0	0#	-14.01#
89 t	Naphthalene	0.622	0.769	-23.6	119	0.00
90 t	1,2,3-Trichlorobenzene	0.320	0.402	-25.6	137	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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