

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU091120\
 Data File : VU040103.D
 Acq On : 11 Sep 2020 13:59
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091120

Quant Time: Sep 12 05:11:09 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	108	0.00
2 T	Dichlorodifluoromethane	0.442	0.434	1.8	105	0.00
3 t	Chloromethane	0.354	0.353	0.3	108	0.00
4 Rt	Vinyl Chloride	0.400	0.384	4.0	106	0.00
5 T	Bromomethane	0.125	0.152	-21.6	106	0.00
6 T	Chloroethane	0.229	0.214	6.6	107	0.00
7 T	Trichlorofluoromethane	0.564	0.528	6.4	103	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.252	0.242	4.0	101	0.00
9 Rt	1,1-Dichloroethene	0.193	0.182	5.7	105	0.00
10 t	Iodomethane	0.000	0.019	0.0	0#	0.00
11 t	Allyl Chloride	0.000	0.012	0.0	0#	0.12
12 t	Acrylonitrile	0.000	0.005	0.0	0#	0.04
13 T	Acetone	0.146	0.155	-6.2	112	0.00
14 T	Carbon Disulfide	0.337	0.298	11.6	102	0.00
15 RT	Methylene Chloride	0.324	0.250	22.8	98	0.00
16 RT	trans-1,2-Dichloroethene	0.207	0.209	-1.0	104	0.00
17 t	1,1-Dichloroethane	0.509	0.492	3.3	104	0.00
18 T	2-Butanone	0.221	0.234	-5.9	108	0.00
19	Cyclohexane	0.316	0.325	-2.8	105	0.00
20	Methylcyclohexane	0.320	0.353	-10.3	108	0.00
21 T	2,2-Dichloropropane	0.000	0.002	0.0	0#	-0.01
22 RT	cis-1,2-Dichloroethene	0.261	0.267	-2.3	105	0.00
23 t	Diethyl Ether	0.012	0.000	100.0#	0#	-2.39#
24 t	tert-Butyl Alcohol	0.000	0.001	0.0	0#	0.00
25 t	Methyl tert-Butyl Ether	0.699	0.733	-4.9	109	0.00
26 t	Bromochloromethane	0.127	0.122	3.9	104	0.00
27 t	Chloroform	0.557	0.539	3.2	103	0.00
28 RT	1,1,1-Trichloroethane	0.468	0.457	2.4	105	0.00
29 T	1,1-Dichloropropene	0.019	0.000	100.0#	0#	-5.54#
30 RT	Carbon Tetrachloride	0.384	0.374	2.6	103	0.00
31 t	Isopropyl Ether	0.000	0.000	0.0	0#	-4.02#
32	Ethyl-t-butyl ether	0.000	0.011	0.0	0#	0.15
33	Tert-Amyl methyl ether	0.000	0.018	0.0	0#	-0.17
34 t	Propionitrile	0.000	0.000	0.0	0#	0.02
35 RT	Benzene	0.999	0.993	0.6	103	0.00
36 RT	1,2-Dichloroethane	0.401	0.384	4.2	102	0.00
37 RT	Trichloroethene	0.257	0.259	-0.8	106	0.00
38 Rt	1,2-Dichloropropane	0.309	0.293	5.2	98	0.00
39 t	Methacrylonitrile	0.000	0.000	0.0	0#	-5.00#
40 t	Methyl acrylate	0.000	0.013	0.0	0#	-0.14
41 t	Tetrahydrofuran	0.000	0.000	0.0	0#	-5.09#
42 t	1-Chlorobutane	0.000	0.325	0.0	0#	-0.07
43 T	Dibromomethane	0.000	0.014	0.0	0#	0.19
44 T	Bromodichloromethane	0.423	0.413	2.4	103	0.00
45 T	4-Methyl-2-Pentanone	0.504	0.536	-6.3	104	0.00
46 t	t-1,4-Dichloro-2-butene	0.121	0.120	0.8	103	0.00

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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#	0.00
49 Rt	Toluene	0.634	0.661	-4.3	103	0.00
50 T	t-1,3-Dichloropropene	0.396	0.417	-5.3	106	0.00
51 T	cis-1,3-Dichloropropene	0.407	0.428	-5.2	106	0.00
52 RT	1,1,2-Trichloroethane	0.246	0.228	7.3	100	0.00
53 t	1,3-Dichloropropane	0.000	0.000	0.0	0#	-8.58#
54 t	2-Hexanone	0.356	0.397	-11.5	107	0.00
55 t	Dibromochloromethane	0.284	0.274	3.5	101	0.00
56 T	1,2-Dibromoethane	0.226	0.216	4.4	101	0.00
57 S	4-Bromofluorobenzene	0.415	0.399	3.9	104	0.00
58 RT	Tetrachloroethene	0.191	0.190	0.5	102	0.00
59 Rt	Chlorobenzene	0.745	0.751	-0.8	103	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	1.340	-8.3	104	0.00
64 RT	m/p-Xylenes	0.235	0.252	-7.2	103	0.00
65 RT	o-Xylene	0.451	0.500	-10.9	105	0.00
66 RT	Styrene	0.805	0.894	-11.1	103	0.00
67 t	Bromoform	0.149	0.149	0.0	102	0.00
68 S	1,2-Dichlorobenzene-d4	0.373	0.401	-7.5	106	0.00
69 T	Isopropylbenzene	1.249	1.379	-10.4	104	0.00
70 T	1,1,2,2-Tetrachloroethane	0.320	0.310	3.1	101	0.00
71 T	1,2,3-Trichloropropane	0.244	0.239	2.0	103	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#	0.00
75 t	1,3,5-Trimethylbenzene	1.088	1.237	-13.7	102	0.00
76 t	4-Chlorotoluene	0.000	0.001	0.0	0#	0.00
77 t	tert-Butylbenzene	0.131	0.000	100.0#	0#	-11.42#
78 t	1,2,4-Trimethylbenzene	1.083	1.252	-15.6	104	0.00
79 t	sec-Butylbenzene	1.083	0.000	100.0#	0#	-11.64#
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	0.638	-1.3	103	0.00
83 Rt	1,4-Dichlorobenzene	0.615	0.645	-4.9	104	0.00
84 t	n-Butylbenzene	0.000	0.007	0.0	0#	0.00
85 Rt	1,2-Dichlorobenzene	0.587	0.610	-3.9	106	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.054	0.060	-11.1	108	0.00
87 Rt	1,2,4-Trichlorobenzene	0.337	0.399	-18.4	108	0.00
88 t	Hexachlorobutadiene	0.000	0.001	0.0	0#	0.00
89 t	Naphthalene	0.622	0.822	-32.2#	106	0.00
90 t	1,2,3-Trichlorobenzene	0.320	0.371	-15.9	105	0.00

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