

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
 Data File : VU039729.D
 Acq On : 31 Jul 2020 11:14
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 01 01:32:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	114	0.00
2 T	Dichlorodifluoromethane	0.347	0.308	11.2	101	0.00
3 t	Chloromethane	0.432	0.378	12.5	105	0.00
4 Rt	Vinyl Chloride	0.398	0.358	10.1	107	0.00
5 T	Bromomethane	0.272	0.207	23.9	100	0.00
6 T	Chloroethane	0.276	0.236	14.5	104	0.00
7 T	Trichlorofluoromethane	0.526	0.469	10.8	104	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.302	0.267	11.6	104	0.00
9 Rt	1,1-Dichloroethene	0.278	0.247	11.2	104	0.00
10 t	Iodomethane	0.280	0.308	-10.0	108	0.00
11 t	Allyl Chloride	0.599	0.535	10.7	107	0.00
12 t	Acrylonitrile	0.098	0.091	7.1	114	0.00
13 T	Acetone	0.092	0.085	7.6	115	0.00
14 T	Carbon Disulfide	1.019	0.912	10.5	105	0.00
15 RT	Methylene Chloride	0.387	0.317	18.1	109	0.00
16 RT	trans-1,2-Dichloroethene	0.316	0.277	12.3	104	0.00
17 t	1,1-Dichloroethane	0.694	0.600	13.5	102	0.00
18 T	2-Butanone	0.154	0.135	12.3	107	0.00
19	Cyclohexane	0.671	0.581	13.4	105	0.00
20	Methylcyclohexane	0.497	0.478	3.8	105	0.00
21 T	2,2-Dichloropropane	0.566	0.480	15.2	103	0.00
22 RT	cis-1,2-Dichloroethene	0.340	0.302	11.2	105	0.00
23 t	Diethyl Ether	0.284	0.251	11.6	106	0.00
24 t	tert-Butyl Alcohol	0.051	0.031	39.2#	109	0.00
25 t	Methyl tert-Butyl Ether	0.907	0.804	11.4	103	0.00
26 t	Bromochloromethane	0.139	0.123	11.5	106	0.00
27 t	Chloroform	0.649	0.560	13.7	104	0.00
28 RT	1,1,1-Trichloroethane	0.525	0.464	11.6	105	0.00
29 T	1,1-Dichloropropene	0.506	0.447	11.7	106	0.00
30 RT	Carbon Tetrachloride	0.430	0.381	11.4	105	0.00
31 t	Isopropyl Ether	1.265	1.102	12.9	103	0.00
32	Ethyl-t-butyl ether	1.077	0.933	13.4	102	0.00
33	Tert-Amyl methyl ether	0.776	0.779	-0.4	116	0.00
34 t	Propionitrile	0.038	0.035	7.9	110	0.00
35 RT	Benzene	1.251	1.214	3.0	116	0.00
36 RT	1,2-Dichloroethane	0.469	0.451	3.8	115	0.00
37 RT	Trichloroethene	0.286	0.252	11.9	102	0.00
38 Rt	1,2-Dichloropropane	0.345	0.317	8.1	104	0.00
39 t	Methacrylonitrile	0.201	0.158	21.4	104	0.00
40 t	Methyl acrylate	0.259	0.219	15.4	102	0.00
41 t	Tetrahydrofuran	0.101	0.079	21.8	103	0.00
42 t	1-Chlorobutane	0.794	0.704	11.3	106	0.00
43 T	Dibromomethane	0.186	0.162	12.9	104	0.00
44 T	Bromodichloromethane	0.425	0.382	10.1	101	0.00
45 T	4-Methyl-2-Pentanone	0.281	0.261	7.1	103	0.00
46 t	t-1,4-Dichloro-2-butene	0.084	0.078	7.1	117	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.173	0.163	5.8	102	0.00
48 t	Ethyl methacrylate	0.319	0.301	5.6	102	0.00
49 Rt	Toluene	0.745	0.697	6.4	104	0.00
50 T	t-1,3-Dichloropropene	0.383	0.370	3.4	102	0.00
51 T	cis-1,3-Dichloropropene	0.450	0.412	8.4	100	0.00
52 RT	1,1,2-Trichloroethane	0.241	0.219	9.1	106	0.00
53 t	1,3-Dichloropropane	0.463	0.415	10.4	104	0.00
54 t	2-Hexanone	0.201	0.192	4.5	106	0.00
55 t	Dibromochloromethane	0.259	0.242	6.6	103	0.00
56 T	1,2-Dibromoethane	0.232	0.209	9.9	102	0.00
57 S	4-Bromofluorobenzene	0.391	0.390	0.3	110	0.00
58 RT	Tetrachloroethene	0.251	0.231	8.0	109	0.00
59 Rt	Chlorobenzene	0.770	0.709	7.9	103	0.00
60 T	1,1,1,2-Tetrachloroethane	0.260	0.239	8.1	104	0.00
61 t	Pentachloroethane	0.228	0.204	10.5	98	0.00
62 t	Hexachloroethane	0.209	0.195	6.7	99	0.00
63 Rt	Ethyl Benzene	1.380	1.330	3.6	102	0.00
64 RT	m/p-Xylenes	0.539	0.530	1.7	103	0.00
65 RT	o-Xylene	0.512	0.500	2.3	105	0.00
66 RT	Styrene	0.877	0.879	-0.2	104	0.00
67 t	Bromoform	0.132	0.126	4.5	101	0.00
68 S	1,2-Dichlorobenzene-d4	0.382	0.357	6.5	103	0.00
69 T	Isopropylbenzene	1.367	1.303	4.7	102	0.00
70 T	1,1,2,2-Tetrachloroethane	0.347	0.319	8.1	104	0.00
71 T	1,2,3-Trichloropropane	0.261	0.236	9.6	92	0.00
72 t	Bromobenzene	0.311	0.281	9.6	102	0.00
73 t	n-propylbenzene	0.384	0.369	3.9	102	0.00
74 t	2-Chlorotoluene	0.325	0.303	6.8	103	0.00
75 t	1,3,5-Trimethylbenzene	1.182	1.170	1.0	102	0.00
76 t	4-Chlorotoluene	0.336	0.334	0.6	107	0.00
77 t	tert-Butylbenzene	1.134	1.094	3.5	102	0.00
78 t	1,2,4-Trimethylbenzene	1.212	1.201	0.9	102	0.00
79 t	sec-Butylbenzene	1.614	1.577	2.3	104	0.00
80	Nitrobenzene	0.006	0.006	0.0	110	0.00
81 t	p-Isopropyltoluene	1.301	1.281	1.5	103	0.00
82 t	1,3-Dichlorobenzene	0.668	0.613	8.2	103	0.00
83 Rt	1,4-Dichlorobenzene	0.672	0.615	8.5	104	0.00
84 t	n-Butylbenzene	1.382	1.372	0.7	106	0.00
85 Rt	1,2-Dichlorobenzene	0.644	0.580	9.9	101	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.058	0.054	6.9	99	0.00
87 Rt	1,2,4-Trichlorobenzene	0.403	0.358	11.2	97	0.00
88 t	Hexachlorobutadiene	0.183	0.170	7.1	106	0.00
89 t	Naphthalene	0.862	0.784	9.0	94	0.00
90 t	1,2,3-Trichlorobenzene	0.380	0.340	10.5	98	0.00

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