

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073020\
 Data File : VU039717.D
 Acq On : 30 Jul 2020 11:37
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 31 06:29:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 30 13:49:19 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	100	0.00
2 T	Dichlorodifluoromethane	0.347	0.345	0.6	99	0.00
3 t	Chloromethane	0.432	0.422	2.3	103	0.00
4 Rt	Vinyl Chloride	0.398	0.402	-1.0	105	0.00
5 T	Bromomethane	0.272	0.239	12.1	101	0.00
6 T	Chloroethane	0.276	0.266	3.6	103	0.00
7 T	Trichlorofluoromethane	0.526	0.525	0.2	103	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.302	0.308	-2.0	106	0.00
9 Rt	1,1-Dichloroethene	0.278	0.278	0.0	103	0.00
10 t	Iodomethane	0.280	0.343	-22.5	105	0.00
11 t	Allyl Chloride	0.599	0.595	0.7	104	0.00
12 t	Acrylonitrile	0.098	0.102	-4.1	111	0.00
13 T	Acetone	0.092	0.098	-6.5	114	0.00
14 T	Carbon Disulfide	1.019	1.021	-0.2	103	0.00
15 RT	Methylene Chloride	0.387	0.351	9.3	106	0.00
16 RT	trans-1,2-Dichloroethene	0.316	0.323	-2.2	107	0.00
17 t	1,1-Dichloroethane	0.694	0.686	1.2	103	0.00
18 T	2-Butanone	0.154	0.153	0.6	106	0.00
19	Cyclohexane	0.671	0.614	8.5	97	0.00
20	Methylcyclohexane	0.497	0.536	-7.8	103	0.00
21 T	2,2-Dichloropropane	0.566	0.551	2.7	104	0.00
22 RT	cis-1,2-Dichloroethene	0.340	0.345	-1.5	105	0.00
23 t	Diethyl Ether	0.284	0.283	0.4	104	0.00
24 t	tert-Butyl Alcohol	0.051	0.031	39.2#	97	0.00
25 t	Methyl tert-Butyl Ether	0.907	0.918	-1.2	104	0.00
26 t	Bromochloromethane	0.139	0.140	-0.7	106	0.00
27 t	Chloroform	0.649	0.639	1.5	104	0.00
28 RT	1,1,1-Trichloroethane	0.525	0.535	-1.9	106	0.00
29 T	1,1-Dichloropropene	0.506	0.509	-0.6	106	0.00
30 RT	Carbon Tetrachloride	0.430	0.436	-1.4	105	0.00
31 t	Isopropyl Ether	1.265	1.257	0.6	103	0.00
32	Ethyl-t-butyl ether	1.077	1.061	1.5	102	0.00
33	Tert-Amyl methyl ether	0.776	0.771	0.6	101	0.00
34 t	Propionitrile	0.038	0.038	0.0	104	0.00
35 RT	Benzene	1.251	1.236	1.2	104	0.00
36 RT	1,2-Dichloroethane	0.469	0.460	1.9	103	0.00
37 RT	Trichloroethene	0.286	0.289	-1.0	103	0.00
38 Rt	1,2-Dichloropropane	0.345	0.356	-3.2	103	0.00
39 t	Methacrylonitrile	0.201	0.184	8.5	106	0.00
40 t	Methyl acrylate	0.259	0.260	-0.4	106	0.00
41 t	Tetrahydrofuran	0.101	0.091	9.9	104	0.00
42 t	1-Chlorobutane	0.794	0.801	-0.9	105	0.00
43 T	Dibromomethane	0.186	0.182	2.2	103	0.00
44 T	Bromodichloromethane	0.425	0.440	-3.5	102	0.00
45 T	4-Methyl-2-Pentanone	0.281	0.295	-5.0	102	0.00
46 t	t-1,4-Dichloro-2-butene	0.084	0.106	-26.2	139	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.173	0.185	-6.9	102	0.00
48 t	Ethyl methacrylate	0.319	0.344	-7.8	103	0.00
49 Rt	Toluene	0.745	0.788	-5.8	104	0.00
50 T	t-1,3-Dichloropropene	0.383	0.423	-10.4	102	0.00
51 T	cis-1,3-Dichloropropene	0.450	0.475	-5.6	101	0.00
52 RT	1,1,2-Trichloroethane	0.241	0.246	-2.1	104	0.00
53 t	1,3-Dichloropropane	0.463	0.471	-1.7	104	0.00
54 t	2-Hexanone	0.201	0.213	-6.0	103	0.00
55 t	Dibromochloromethane	0.259	0.272	-5.0	101	0.00
56 T	1,2-Dibromoethane	0.232	0.239	-3.0	102	0.00
57 S	4-Bromofluorobenzene	0.391	0.463	-18.4	114	0.00
58 RT	Tetrachloroethene	0.251	0.257	-2.4	106	0.00
59 Rt	Chlorobenzene	0.770	0.810	-5.2	103	0.00
60 T	1,1,1,2-Tetrachloroethane	0.260	0.272	-4.6	103	0.00
61 t	Pentachloroethane	0.228	0.232	-1.8	98	0.00
62 t	Hexachloroethane	0.209	0.224	-7.2	100	0.00
63 Rt	Ethyl Benzene	1.380	1.514	-9.7	102	0.00
64 RT	m/p-Xylenes	0.539	0.600	-11.3	103	0.00
65 RT	o-Xylene	0.512	0.560	-9.4	103	0.00
66 RT	Styrene	0.877	0.987	-12.5	103	0.00
67 t	Bromoform	0.132	0.146	-10.6	102	0.00
68 S	1,2-Dichlorobenzene-d4	0.382	0.396	-3.7	101	0.00
69 T	Isopropylbenzene	1.367	1.493	-9.2	102	0.00
70 T	1,1,2,2-Tetrachloroethane	0.347	0.358	-3.2	102	0.00
71 T	1,2,3-Trichloropropane	0.261	0.294	-12.6	100	0.00
72 t	Bromobenzene	0.311	0.326	-4.8	104	0.00
73 t	n-propylbenzene	0.384	0.419	-9.1	102	0.00
74 t	2-Chlorotoluene	0.325	0.343	-5.5	102	0.00
75 t	1,3,5-Trimethylbenzene	1.182	1.333	-12.8	102	0.00
76 t	4-Chlorotoluene	0.336	0.367	-9.2	103	0.00
77 t	tert-Butylbenzene	1.134	1.228	-8.3	101	0.00
78 t	1,2,4-Trimethylbenzene	1.212	1.354	-11.7	101	0.00
79 t	sec-Butylbenzene	1.614	1.797	-11.3	104	0.00
80	Nitrobenzene	0.006	0.006	0.0	104	0.00
81 t	p-Isopropyltoluene	1.301	1.459	-12.1	102	0.00
82 t	1,3-Dichlorobenzene	0.668	0.699	-4.6	104	0.00
83 Rt	1,4-Dichlorobenzene	0.672	0.707	-5.2	105	0.00
84 t	n-Butylbenzene	1.382	1.543	-11.6	104	0.00
85 Rt	1,2-Dichlorobenzene	0.644	0.668	-3.7	102	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.058	0.062	-6.9	98	0.00
87 Rt	1,2,4-Trichlorobenzene	0.403	0.418	-3.7	99	0.00
88 t	Hexachlorobutadiene	0.183	0.193	-5.5	106	0.00
89 t	Naphthalene	0.862	0.918	-6.5	97	0.00
90 t	1,2,3-Trichlorobenzene	0.380	0.394	-3.7	100	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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