

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU080520\
 Data File : VU039742.D
 Acq On : 05 Aug 2020 10:35
 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 06 01:35:52 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	110	0.00
2 T	Dichlorodifluoromethane	0.347	0.324	6.6	102	0.00
3 t	Chloromethane	0.432	0.426	1.4	114	0.00
4 Rt	Vinyl Chloride	0.398	0.413	-3.8	119	0.00
5 T	Bromomethane	0.272	0.234	14.0	108	0.00
6 T	Chloroethane	0.276	0.297	-7.6	126	0.00
7 T	Trichlorofluoromethane	0.526	0.592	-12.5	127	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.302	0.290	4.0	109	0.00
9 Rt	1,1-Dichloroethene	0.278	0.252	9.4	102	0.00
10 t	Iodomethane	0.280	0.329	-17.5	110	0.00
11 t	Allyl Chloride	0.599	0.514	14.2	98	0.00
12 t	Acrylonitrile	0.098	0.087	11.2	104	0.00
13 T	Acetone	0.092	0.084	8.7	110	0.03
14 T	Carbon Disulfide	1.019	0.855	16.1	95	0.00
15 RT	Methylene Chloride	0.387	0.319	17.6	106	0.00
16 RT	trans-1,2-Dichloroethene	0.316	0.288	8.9	104	0.00
17 t	1,1-Dichloroethane	0.694	0.626	9.8	103	0.00
18 T	2-Butanone	0.154	0.131	14.9	99	0.00
19	Cyclohexane	0.671	0.567	15.5	98	0.00
20	Methylcyclohexane	0.497	0.535	-7.6	113	0.00
21 T	2,2-Dichloropropane	0.566	0.492	13.1	102	0.00
22 RT	cis-1,2-Dichloroethene	0.340	0.319	6.2	107	0.00
23 t	Diethyl Ether	0.284	0.305	-7.4	123	0.00
24 t	tert-Butyl Alcohol	0.051	0.022	56.9#	75	0.05
25 t	Methyl tert-Butyl Ether	0.907	0.819	9.7	101	0.00
26 t	Bromochloromethane	0.139	0.129	7.2	107	0.00
27 t	Chloroform	0.649	0.591	8.9	106	0.00
28 RT	1,1,1-Trichloroethane	0.525	0.482	8.2	105	0.00
29 T	1,1-Dichloropropene	0.506	0.454	10.3	104	0.00
30 RT	Carbon Tetrachloride	0.430	0.413	4.0	109	0.00
31 t	Isopropyl Ether	1.265	1.106	12.6	100	0.00
32	Ethyl-t-butyl ether	1.077	0.944	12.3	100	0.00
33	Tert-Amyl methyl ether	0.776	0.809	-4.3	116	-0.01
34 t	Propionitrile	0.038	0.035	7.9	106	0.01
35 RT	Benzene	1.251	1.267	-1.3	116	0.00
36 RT	1,2-Dichloroethane	0.469	0.461	1.7	113	0.00
37 RT	Trichloroethene	0.286	0.285	0.3	111	0.00
38 Rt	1,2-Dichloropropane	0.345	0.361	-4.6	114	0.00
39 t	Methacrylonitrile	0.201	0.154	23.4	98	0.00
40 t	Methyl acrylate	0.259	0.250	3.5	112	0.00
41 t	Tetrahydrofuran	0.101	0.078	22.8	97	0.00
42 t	1-Chlorobutane	0.794	0.707	11.0	102	0.00
43 T	Dibromomethane	0.186	0.179	3.8	111	0.00
44 T	Bromodichloromethane	0.425	0.447	-5.2	114	0.00
45 T	4-Methyl-2-Pentanone	0.281	0.293	-4.3	112	0.00
46 t	t-1,4-Dichloro-2-butene	0.084	0.078	7.1	113	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.173	0.183	-5.8	110	0.00
48 t	Ethyl methacrylate	0.319	0.337	-5.6	110	0.00
49 Rt	Toluene	0.745	0.778	-4.4	112	0.00
50 T	t-1,3-Dichloropropene	0.383	0.432	-12.8	114	0.00
51 T	cis-1,3-Dichloropropene	0.450	0.493	-9.6	115	0.00
52 RT	1,1,2-Trichloroethane	0.241	0.238	1.2	111	0.00
53 t	1,3-Dichloropropane	0.463	0.460	0.6	111	0.00
54 t	2-Hexanone	0.201	0.214	-6.5	114	0.00
55 t	Dibromochloromethane	0.259	0.263	-1.5	107	0.00
56 T	1,2-Dibromoethane	0.232	0.225	3.0	105	0.00
57 S	4-Bromofluorobenzene	0.391	0.423	-8.2	114	0.00
58 RT	Tetrachloroethene	0.251	0.245	2.4	110	0.00
59 Rt	Chlorobenzene	0.770	0.776	-0.8	108	0.00
60 T	1,1,1,2-Tetrachloroethane	0.260	0.263	-1.2	110	0.00
61 t	Pentachloroethane	0.228	0.217	4.8	101	0.00
62 t	Hexachloroethane	0.209	0.210	-0.5	103	0.00
63 Rt	Ethyl Benzene	1.380	1.465	-6.2	108	0.00
64 RT	m/p-Xylenes	0.539	0.573	-6.3	107	0.00
65 RT	o-Xylene	0.512	0.532	-3.9	107	0.00
66 RT	Styrene	0.877	0.928	-5.8	106	0.00
67 t	Bromoform	0.132	0.138	-4.5	106	0.00
68 S	1,2-Dichlorobenzene-d4	0.382	0.341	10.7	95	0.00
69 T	Isopropylbenzene	1.367	1.423	-4.1	107	0.00
70 T	1,1,2,2-Tetrachloroethane	0.347	0.325	6.3	102	0.00
71 T	1,2,3-Trichloropropane	0.261	0.233	10.7	87	0.00
72 t	Bromobenzene	0.311	0.293	5.8	102	0.00
73 t	n-propylbenzene	0.384	0.393	-2.3	105	0.00
74 t	2-Chlorotoluene	0.325	0.316	2.8	103	0.00
75 t	1,3,5-Trimethylbenzene	1.182	1.232	-4.2	104	0.00
76 t	4-Chlorotoluene	0.336	0.340	-1.2	104	0.00
77 t	tert-Butylbenzene	1.134	1.148	-1.2	103	0.00
78 t	1,2,4-Trimethylbenzene	1.212	1.289	-6.4	105	0.00
79 t	sec-Butylbenzene	1.614	1.640	-1.6	104	0.00
80	Nitrobenzene	0.006	0.006	0.0	109	0.00
81 t	p-Isopropyltoluene	1.301	1.344	-3.3	103	0.00
82 t	1,3-Dichlorobenzene	0.668	0.612	8.4	99	0.00
83 Rt	1,4-Dichlorobenzene	0.672	0.620	7.7	101	0.00
84 t	n-Butylbenzene	1.382	1.387	-0.4	103	0.00
85 Rt	1,2-Dichlorobenzene	0.644	0.585	9.2	98	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.058	0.059	-1.7	103	0.00
87 Rt	1,2,4-Trichlorobenzene	0.403	0.363	9.9	94	0.00
88 t	Hexachlorobutadiene	0.183	0.163	10.9	98	0.00
89 t	Naphthalene	0.862	0.771	10.6	89	0.00
90 t	1,2,3-Trichlorobenzene	0.380	0.339	10.8	94	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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