

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU012320\
 Data File : VU036532.D
 Acq On : 23 Jan 2020 10:00
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 24 01:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 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	0.331	0.342	-3.3	104	0.00
3 t	Chloromethane	0.354	0.363	-2.5	107	0.00
4 Rt	Vinyl Chloride	0.401	0.412	-2.7	104	0.00
5 T	Bromomethane	0.249	0.233	6.4	106	0.00
6 T	Chloroethane	0.238	0.219	8.0	104	0.00
7 T	Trichlorofluoromethane	0.397	0.410	-3.3	107	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.247	0.252	-2.0	104	0.00
9 Rt	1,1-Dichloroethene	0.263	0.269	-2.3	106	0.00
10 t	Iodomethane	0.282	0.348	-23.4	103	0.00
11 t	Allyl Chloride	0.364	0.375	-3.0	106	0.00
12 t	Acrylonitrile	0.064	0.064	0.0	103	0.00
13 T	Acetone	0.053	0.042	20.8	99	0.00
14 T	Carbon Disulfide	0.911	0.922	-1.2	104	0.00
15 RT	Methylene Chloride	0.346	0.305	11.8	105	0.00
16 RT	trans-1,2-Dichloroethene	0.290	0.295	-1.7	105	0.00
17 t	1,1-Dichloroethane	0.473	0.486	-2.7	105	0.00
18 T	2-Butanone	0.069	0.067	2.9	101	0.00
19	Cyclohexane	0.432	0.445	-3.0	105	0.00
20	Methylcyclohexane	0.482	0.507	-5.2	105	0.00
21 T	2,2-Dichloropropane	0.404	0.427	-5.7	107	0.00
22 RT	cis-1,2-Dichloroethene	0.301	0.304	-1.0	103	0.00
23 t	Diethyl Ether	0.203	0.204	-0.5	102	0.00
24 t	tert-Butyl Alcohol	0.018	0.018	0.0	104	0.00
25 t	Methyl tert-Butyl Ether	0.689	0.702	-1.9	103	0.00
26 t	Bromochloromethane	0.130	0.134	-3.1	105	0.00
27 t	Chloroform	0.468	0.478	-2.1	104	0.00
28 RT	1,1,1-Trichloroethane	0.392	0.404	-3.1	104	0.00
29 T	1,1-Dichloropropene	0.383	0.390	-1.8	104	0.00
30 RT	Carbon Tetrachloride	0.336	0.345	-2.7	103	0.00
31 t	Isopropyl Ether	0.718	0.748	-4.2	106	0.00
32	Ethyl-t-butyl ether	0.751	0.769	-2.4	103	0.00
33	Tert-Amyl methyl ether	0.687	0.703	-2.3	104	0.00
34 t	Propionitrile	0.020	0.021	-5.0	96	0.00
35 RT	Benzene	1.108	1.120	-1.1	103	0.00
36 RT	1,2-Dichloroethane	0.298	0.305	-2.3	103	0.00
37 RT	Trichloroethene	0.306	0.305	0.3	101	0.00
38 Rt	1,2-Dichloropropane	0.279	0.284	-1.8	104	0.00
39 t	Methacrylonitrile	0.084	0.088	-4.8	106	0.00
40 t	Methyl acrylate	0.133	0.150	-12.8	103	0.00
41 t	Tetrahydrofuran	0.046	0.044	4.3	99	0.00
42 t	1-Chlorobutane	0.496	0.503	-1.4	103	0.00
43 T	Dibromomethane	0.145	0.148	-2.1	102	0.00
44 T	Bromodichloromethane	0.344	0.352	-2.3	103	0.00
45 T	4-Methyl-2-Pentanone	0.164	0.163	0.6	101	0.00
46 t	t-1,4-Dichloro-2-butene	0.072	0.075	-4.2	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.142	0.143	-0.7	101	0.00
48 t	Ethyl methacrylate	0.275	0.288	-4.7	103	0.00
49 Rt	Toluene	0.707	0.713	-0.8	104	0.00
50 T	t-1,3-Dichloropropene	0.343	0.370	-7.9	105	0.00
51 T	cis-1,3-Dichloropropene	0.415	0.438	-5.5	103	0.00
52 RT	1,1,2-Trichloroethane	0.206	0.206	0.0	100	0.00
53 t	1,3-Dichloropropane	0.354	0.357	-0.8	102	0.00
54 t	2-Hexanone	0.115	0.115	0.0	100	0.00
55 t	Dibromochloromethane	0.238	0.249	-4.6	104	0.00
56 T	1,2-Dibromoethane	0.199	0.202	-1.5	103	0.00
57 S	4-Bromofluorobenzene	0.378	0.413	-9.3	112	0.00
58 RT	Tetrachloroethene	0.306	0.271	11.4	94	0.00
59 Rt	Chlorobenzene	0.788	0.804	-2.0	104	0.00
60 T	1,1,1,2-Tetrachloroethane	0.252	0.256	-1.6	102	0.00
61 t	Pentachloroethane	0.162	0.210	-29.6	123	0.00
62 t	Hexachloroethane	0.207	0.212	-2.4	101	0.00
63 Rt	Ethyl Benzene	1.320	1.360	-3.0	105	0.00
64 RT	m/p-Xylenes	0.523	0.532	-1.7	104	0.00
65 RT	o-Xylene	0.506	0.516	-2.0	103	0.00
66 RT	Styrene	0.848	0.870	-2.6	104	0.00
67 t	Bromoform	0.136	0.142	-4.4	102	0.00
68 S	1,2-Dichlorobenzene-d4	0.386	0.380	1.6	104	0.00
69 T	Isopropylbenzene	1.330	1.358	-2.1	104	0.00
70 T	1,1,2,2-Tetrachloroethane	0.260	0.268	-3.1	104	0.00
71 T	1,2,3-Trichloropropane	0.186	0.178	4.3	103	0.00
72 t	Bromobenzene	0.320	0.331	-3.4	104	0.00
73 t	n-propylbenzene	0.373	0.389	-4.3	103	0.00
74 t	2-Chlorotoluene	0.320	0.321	-0.3	103	0.00
75 t	1,3,5-Trimethylbenzene	1.140	1.155	-1.3	104	0.00
76 t	4-Chlorotoluene	0.331	0.336	-1.5	102	0.00
77 t	tert-Butylbenzene	1.081	1.122	-3.8	106	0.00
78 t	1,2,4-Trimethylbenzene	1.176	1.190	-1.2	104	0.00
79 t	sec-Butylbenzene	1.499	1.520	-1.4	104	0.00
80	Nitrobenzene	0.004	0.003	25.0	73	0.00
81 t	p-Isopropyltoluene	1.253	1.286	-2.6	105	0.00
82 t	1,3-Dichlorobenzene	0.641	0.644	-0.5	103	0.00
83 Rt	1,4-Dichlorobenzene	0.641	0.639	0.3	102	0.00
84 t	n-Butylbenzene	1.159	1.221	-5.3	105	0.00
85 Rt	1,2-Dichlorobenzene	0.613	0.606	1.1	103	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.044	0.044	0.0	104	0.00
87 Rt	1,2,4-Trichlorobenzene	0.392	0.424	-8.2	100	0.00
88 t	Hexachlorobutadiene	0.215	0.216	-0.5	103	0.00
89 t	Naphthalene	0.676	0.738	-9.2	97	0.00
90 t	1,2,3-Trichlorobenzene	0.369	0.383	-3.8	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			