

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU102320\
 Data File : VU040932.D
 Acq On : 23 Oct 2020 13:01
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 24 06:50:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 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	0.466	0.444	4.7	103	0.00
3 t	Chloromethane	0.486	0.456	6.2	101	0.00
4 Rt	Vinyl Chloride	0.453	0.439	3.1	101	0.00
5 T	Bromomethane	0.266	0.242	9.0	109	0.00
6 T	Chloroethane	0.277	0.252	9.0	98	0.00
7 T	Trichlorofluoromethane	0.572	0.552	3.5	100	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.318	0.310	2.5	101	0.00
9 Rt	1,1-Dichloroethene	0.277	0.273	1.4	101	0.00
10 t	Iodomethane	0.269	0.353	-31.2#	104	0.00
11 t	Allyl Chloride	0.570	0.558	2.1	102	0.00
12 t	Acrylonitrile	0.098	0.094	4.1	99	0.00
13 T	Acetone	0.082	0.096	-17.1	128	0.02
14 T	Carbon Disulfide	1.041	1.017	2.3	100	0.00
15 RT	Methylene Chloride	0.360	0.381	-5.8	120	0.00
16 RT	trans-1,2-Dichloroethene	0.313	0.304	2.9	101	0.00
17 t	1,1-Dichloroethane	0.641	0.614	4.2	100	0.00
18 T	2-Butanone	0.132	0.142	-7.6	110	0.01
19	Cyclohexane	0.603	0.574	4.8	98	0.00
20	Methylcyclohexane	0.451	0.486	-7.8	98	0.00
21 T	2,2-Dichloropropane	0.541	0.535	1.1	107	0.00
22 RT	cis-1,2-Dichloroethene	0.334	0.317	5.1	102	0.00
23 t	Diethyl Ether	0.273	0.264	3.3	99	0.00
24 t	tert-Butyl Alcohol	0.031	0.025	19.4	81	0.05
25 t	Methyl tert-Butyl Ether	0.859	0.826	3.8	99	0.00
26 t	Bromochloromethane	0.145	0.142	2.1	102	0.00
27 t	Chloroform	0.613	0.590	3.8	101	0.00
28 RT	1,1,1-Trichloroethane	0.528	0.508	3.8	101	0.00
29 T	1,1-Dichloropropene	0.463	0.448	3.2	99	0.00
30 RT	Carbon Tetrachloride	0.478	0.463	3.1	102	0.00
31 t	Isopropyl Ether	0.991	0.964	2.7	101	0.00
32	Ethyl-t-butyl ether	0.873	0.842	3.6	99	0.00
33	Tert-Amyl methyl ether	0.650	0.675	-3.8	99	0.00
34 t	Propionitrile	0.036	0.036	0.0	105	0.02
35 RT	Benzene	1.283	1.271	0.9	100	0.00
36 RT	1,2-Dichloroethane	0.476	0.463	2.7	102	0.00
37 RT	Trichloroethene	0.303	0.297	2.0	100	0.00
38 Rt	1,2-Dichloropropane	0.364	0.366	-0.5	101	0.00
39 t	Methacrylonitrile	0.170	0.160	5.9	98	0.00
40 t	Methyl acrylate	0.233	0.235	-0.9	102	0.00
41 t	Tetrahydrofuran	0.088	0.081	8.0	100	0.00
42 t	1-Chlorobutane	0.700	0.693	1.0	101	0.00
43 T	Dibromomethane	0.204	0.199	2.5	102	0.00
44 T	Bromodichloromethane	0.474	0.471	0.6	102	0.00
45 T	4-Methyl-2-Pentanone	0.268	0.296	-10.4	100	0.00
46 t	t-1,4-Dichloro-2-butene	0.106	0.096	9.4	89	0.00

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Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.170	0.186	-9.4	97	0.00
48 t	Ethyl methacrylate	0.287	0.310	-8.0	97	0.00
49 Rt	Toluene	0.706	0.759	-7.5	98	0.00
50 T	t-1,3-Dichloropropene	0.409	0.430	-5.1	101	0.00
51 T	cis-1,3-Dichloropropene	0.449	0.461	-2.7	99	0.00
52 RT	1,1,2-Trichloroethane	0.258	0.256	0.8	100	0.00
53 t	1,3-Dichloropropane	0.463	0.468	-1.1	100	0.00
54 t	2-Hexanone	0.187	0.219	-17.1	107	0.00
55 t	Dibromochloromethane	0.309	0.302	2.3	101	0.00
56 T	1,2-Dibromoethane	0.239	0.241	-0.8	100	0.00
57 S	4-Bromofluorobenzene	0.365	0.390	-6.8	102	0.00
58 RT	Tetrachloroethene	0.284	0.284	0.0	103	0.00
59 Rt	Chlorobenzene	0.747	0.778	-4.1	100	0.00
60 T	1,1,1,2-Tetrachloroethane	0.293	0.298	-1.7	103	0.00
61 t	Pentachloroethane	0.237	0.233	1.7	102	0.00
62 t	Hexachloroethane	0.241	0.254	-5.4	103	0.00
63 Rt	Ethyl Benzene	1.237	1.399	-13.1	99	0.00
64 RT	m/p-Xylenes	0.471	0.567	-20.4	102	0.00
65 RT	o-Xylene	0.434	0.504	-16.1	100	0.00
66 RT	Styrene	0.768	0.938	-22.1	102	0.00
67 t	Bromoform	0.167	0.168	-0.6	100	0.00
68 S	1,2-Dichlorobenzene-d4	0.381	0.399	-4.7	105	0.00
69 T	Isopropylbenzene	1.159	1.326	-14.4	100	0.00
70 T	1,1,2,2-Tetrachloroethane	0.351	0.355	-1.1	101	0.00
71 T	1,2,3-Trichloropropane	0.268	0.265	1.1	90	0.00
72 t	Bromobenzene	0.302	0.321	-6.3	100	0.00
73 t	n-propylbenzene	0.331	0.394	-19.0	101	0.00
74 t	2-Chlorotoluene	0.301	0.335	-11.3	102	0.00
75 t	1,3,5-Trimethylbenzene	1.034	1.250	-20.9	103	0.00
76 t	4-Chlorotoluene	0.312	0.365	-17.0	103	0.00
77 t	tert-Butylbenzene	0.979	1.109	-13.3	101	0.00
78 t	1,2,4-Trimethylbenzene	1.060	1.301	-22.7	104	0.00
79 t	sec-Butylbenzene	1.360	1.598	-17.5	103	0.00
80	Nitrobenzene	0.017	0.019	-11.8	104	0.00
81 t	p-Isopropyltoluene	1.119	1.380	-23.3	104	0.00
82 t	1,3-Dichlorobenzene	0.659	0.696	-5.6	103	0.00
83 Rt	1,4-Dichlorobenzene	0.666	0.705	-5.9	105	0.00
84 t	n-Butylbenzene	1.138	1.397	-22.8	106	0.00
85 Rt	1,2-Dichlorobenzene	0.630	0.681	-8.1	105	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.066	0.065	1.5	102	0.00
87 Rt	1,2,4-Trichlorobenzene	0.369	0.398	-7.9	99	0.00
88 t	Hexachlorobutadiene	0.207	0.225	-8.7	106	0.00
89 t	Naphthalene	0.714	0.854	-19.6	98	0.00
90 t	1,2,3-Trichlorobenzene	0.359	0.418	-16.4	102	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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