

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU091119\
 Data File : VU034478.D
 Acq On : 11 Sep 2019 15:43
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 12 04:25:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U091119DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 12 02:53:57 2019
 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	105	0.00
2 T	Dichlorodifluoromethane	0.366	0.331	9.6	97	0.00
3 t	Chloromethane	0.403	0.357	11.4	99	0.00
4 Rt	Vinyl Chloride	0.396	0.365	7.8	98	0.00
5 T	Bromomethane	0.231	0.193	16.5	93	0.00
6 T	Chloroethane	0.229	0.210	8.3	99	0.00
7 T	Trichlorofluoromethane	0.487	0.450	7.6	100	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.264	0.244	7.6	100	0.00
9 Rt	1,1-Dichloroethene	0.266	0.240	9.8	97	0.00
10 t	Iodomethane	0.248	0.255	-2.8	88	0.00
11 t	Allyl Chloride	0.437	0.404	7.6	99	0.00
12 t	Acrylonitrile	0.055	0.051	7.3	101	0.00
13 T	Acetone	0.046	0.041	10.9	98	0.00
14 T	Carbon Disulfide	0.934	0.848	9.2	98	0.00
15 RT	Methylene Chloride	0.309	0.275	11.0	103	0.00
16 RT	trans-1,2-Dichloroethene	0.298	0.271	9.1	100	0.00
17 t	1,1-Dichloroethane	0.568	0.528	7.0	100	0.00
18 T	2-Butanone	0.067	0.068	-1.5	98	0.00
19	Cyclohexane	0.445	0.453	-1.8	98	0.00
20	Methylcyclohexane	0.464	0.470	-1.3	97	0.00
21 T	2,2-Dichloropropane	0.468	0.428	8.5	98	0.00
22 RT	cis-1,2-Dichloroethene	0.323	0.314	2.8	101	0.00
23 t	Diethyl Ether	0.199	0.188	5.5	100	0.00
24 t	tert-Butyl Alcohol	0.027	0.018	33.3#	94	0.00
25 t	Methyl tert-Butyl Ether	0.638	0.614	3.8	102	0.00
26 t	Bromochloromethane	0.136	0.127	6.6	99	0.00
27 t	Chloroform	0.590	0.512	13.2	100	0.00
28 RT	1,1,1-Trichloroethane	0.463	0.433	6.5	99	0.00
29 T	1,1-Dichloropropene	0.400	0.392	2.0	99	0.00
30 RT	Carbon Tetrachloride	0.415	0.392	5.5	100	0.00
31 t	Isopropyl Ether	0.817	0.791	3.2	99	0.00
32	Ethyl-t-butyl ether	0.699	0.695	0.6	100	0.00
33	Tert-Amyl methyl ether	0.586	0.606	-3.4	101	0.00
34 t	Propionitrile	0.019	0.019	0.0	99	0.00
35 RT	Benzene	1.200	1.154	3.8	99	0.00
36 RT	1,2-Dichloroethane	0.308	0.295	4.2	100	0.00
37 RT	Trichloroethene	0.336	0.310	7.7	96	0.00
38 Rt	1,2-Dichloropropane	0.318	0.302	5.0	99	0.00
39 t	Methacrylonitrile	0.078	0.081	-3.8	103	0.00
40 t	Methyl acrylate	0.119	0.127	-6.7	99	0.00
41 t	Tetrahydrofuran	0.040	0.041	-2.5	100	0.00
42 t	1-Chlorobutane	0.544	0.547	-0.6	98	0.00
43 T	Dibromomethane	0.150	0.141	6.0	102	0.00
44 T	Bromodichloromethane	0.384	0.361	6.0	99	0.00
45 T	4-Methyl-2-Pentanone	0.152	0.160	-5.3	102	0.00
46 t	t-1,4-Dichloro-2-butene	0.060	0.067	-11.7	116	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.119	0.127	-6.7	101	0.00
48 t	Ethyl methacrylate	0.214	0.231	-7.9	100	0.00
49 Rt	Toluene	0.700	0.714	-2.0	99	0.00
50 T	t-1,3-Dichloropropene	0.317	0.318	-0.3	100	0.00
51 T	cis-1,3-Dichloropropene	0.398	0.398	0.0	99	0.00
52 RT	1,1,2-Trichloroethane	0.208	0.196	5.8	102	0.00
53 t	1,3-Dichloropropane	0.347	0.340	2.0	102	0.00
54 t	2-Hexanone	0.102	0.111	-8.8	102	0.00
55 t	Dibromochloromethane	0.252	0.247	2.0	101	0.00
56 T	1,2-Dibromoethane	0.191	0.183	4.2	102	0.00
57 S	4-Bromofluorobenzene	0.387	0.382	1.3	101	0.00
58 RT	Tetrachloroethene	0.319	0.306	4.1	100	0.00
59 Rt	Chlorobenzene	0.780	0.777	0.4	100	0.00
60 T	1,1,1,2-Tetrachloroethane	0.289	0.272	5.9	99	0.00
61 t	Pentachloroethane	0.234	0.216	7.7	100	0.00
62 t	Hexachloroethane	0.208	0.200	3.8	101	0.00
63 Rt	Ethyl Benzene	1.251	1.331	-6.4	98	0.00
64 RT	m/p-Xylenes	0.507	0.542	-6.9	99	0.00
65 RT	o-Xylene	0.483	0.508	-5.2	98	0.00
66 RT	Styrene	0.808	0.886	-9.7	99	0.00
67 t	Bromoform	0.148	0.146	1.4	101	0.00
68 S	1,2-Dichlorobenzene-d4	0.417	0.396	5.0	100	0.00
69 T	Isopropylbenzene	1.258	1.346	-7.0	99	0.00
70 T	1,1,2,2-Tetrachloroethane	0.267	0.255	4.5	102	0.00
71 T	1,2,3-Trichloropropane	0.190	0.180	5.3	95	0.00
72 t	Bromobenzene	0.341	0.337	1.2	99	0.00
73 t	n-propylbenzene	0.364	0.395	-8.5	99	0.00
74 t	2-Chlorotoluene	0.328	0.340	-3.7	100	0.00
75 t	1,3,5-Trimethylbenzene	1.130	1.211	-7.2	99	0.00
76 t	4-Chlorotoluene	0.332	0.348	-4.8	101	0.00
77 t	tert-Butylbenzene	1.095	1.133	-3.5	97	0.00
78 t	1,2,4-Trimethylbenzene	1.141	1.249	-9.5	100	0.00
79 t	sec-Butylbenzene	1.473	1.553	-5.4	99	0.00
80	Nitrobenzene	0.006	0.006	0.0	94	0.00
81 t	p-Isopropyltoluene	1.229	1.339	-9.0	100	0.00
82 t	1,3-Dichlorobenzene	0.708	0.693	2.1	100	0.00
83 Rt	1,4-Dichlorobenzene	0.704	0.696	1.1	100	0.00
84 t	n-Butylbenzene	1.131	1.232	-8.9	100	0.00
85 Rt	1,2-Dichlorobenzene	0.642	0.630	1.9	100	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.036	0.037	-2.8	98	0.00
87 Rt	1,2,4-Trichlorobenzene	0.370	0.409	-10.5	100	0.00
88 t	Hexachlorobutadiene	0.282	0.276	2.1	101	0.00
89 t	Naphthalene	0.478	0.578	-20.9	98	0.00
90 t	1,2,3-Trichlorobenzene	0.341	0.377	-10.6	98	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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