

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU020519\
 Data File : VU029353.D
 Acq On : 05 Feb 2019 18:16
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 08 11:51:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	0.373	0.365	2.1	86	0.00
3 t	Chloromethane	0.341	0.322	5.6	86	0.00
4 Rt	Vinyl Chloride	0.400	0.396	1.0	86	0.00
5 T	Bromomethane	0.222	0.220	0.9	95	0.00
6 T	Chloroethane	0.234	0.232	0.9	88	0.00
7 T	Trichlorofluoromethane	0.558	0.591	-5.9	92	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.295	0.311	-5.4	91	0.00
9 Rt	1,1-Dichloroethene	0.288	0.300	-4.2	91	0.00
10 t	Iodomethane	0.370	0.431	-16.5	87	0.00
11 t	Allyl Chloride	0.484	0.477	1.4	85	0.00
12 t	Acrylonitrile	0.065	0.065	0.0	89	0.00
13 T	Acetone	0.062	0.054	12.9	79	0.00
14 T	Carbon Disulfide	1.019	1.036	-1.7	89	0.00
15 RT	Methylene Chloride	0.350	0.337	3.7	92	0.00
16 RT	trans-1,2-Dichloroethene	0.323	0.340	-5.3	92	0.00
17 t	1,1-Dichloroethane	0.511	0.496	2.9	87	0.00
18 T	2-Butanone	0.070	0.070	0.0	81	0.00
19	Cyclohexane	0.474	0.432	8.9	84	0.00
20	Methylcyclohexane	0.498	0.502	-0.8	86	0.00
21 T	2,2-Dichloropropane	0.473	0.451	4.7	84	0.00
22 RT	cis-1,2-Dichloroethene	0.304	0.319	-4.9	90	0.00
23 t	Diethyl Ether	0.232	0.237	-2.2	89	0.00
24 t	tert-Butyl Alcohol	0.024	0.024	0.0	87	0.00
25 t	Methyl tert-Butyl Ether	0.812	0.851	-4.8	91	0.00
26 t	Bromochloromethane	0.134	0.142	-6.0	92	0.00
27 t	Chloroform	0.497	0.519	-4.4	90	0.00
28 RT	1,1,1-Trichloroethane	0.461	0.480	-4.1	89	0.00
29 T	1,1-Dichloropropene	0.400	0.397	0.8	85	0.00
30 RT	Carbon Tetrachloride	0.417	0.445	-6.7	91	0.00
31 t	Isopropyl Ether	0.771	0.773	-0.3	86	0.00
32	Ethyl-t-butyl ether	0.773	0.770	0.4	86	0.00
33	Tert-Amyl methyl ether	0.699	0.728	-4.1	89	0.00
34 t	Propionitrile	0.018	0.020	-11.1	84	0.00
35 RT	Benzene	1.106	1.126	-1.8	87	0.00
36 RT	1,2-Dichloroethane	0.335	0.338	-0.9	85	0.00
37 RT	Trichloroethene	0.317	0.346	-9.1	94	0.00
38 Rt	1,2-Dichloropropane	0.288	0.290	-0.7	86	0.00
39 t	Methacrylonitrile	0.094	0.095	-1.1	86	0.00
40 t	Methyl acrylate	0.142	0.147	-3.5	88	0.00
41 t	Tetrahydrofuran	0.047	0.045	4.3	83	0.00
42 t	1-Chlorobutane	0.536	0.527	1.7	84	0.00
43 T	Dibromomethane	0.153	0.157	-2.6	90	0.00
44 T	Bromodichloromethane	0.391	0.405	-3.6	89	0.00
45 T	4-Methyl-2-Pentanone	0.180	0.181	-0.6	83	0.00
46 t	t-1,4-Dichloro-2-butene	0.088	0.101	-14.8	93	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.135	0.146	-8.1	89	0.00
48 t	Ethyl methacrylate	0.289	0.308	-6.6	87	0.00
49 Rt	Toluene	0.708	0.739	-4.4	89	0.00
50 T	t-1,3-Dichloropropene	0.383	0.396	-3.4	86	0.00
51 T	cis-1,3-Dichloropropene	0.455	0.464	-2.0	86	0.00
52 RT	1,1,2-Trichloroethane	0.203	0.213	-4.9	89	0.00
53 t	1,3-Dichloropropane	0.357	0.368	-3.1	87	0.00
54 t	2-Hexanone	0.126	0.129	-2.4	83	0.00
55 t	Dibromochloromethane	0.289	0.309	-6.9	90	0.00
56 T	1,2-Dibromoethane	0.208	0.216	-3.8	90	0.00
57 S	4-Bromofluorobenzene	0.390	0.417	-6.9	94	0.00
58 RT	Tetrachloroethene	0.295	0.321	-8.8	92	0.00
59 Rt	Chlorobenzene	0.797	0.864	-8.4	92	0.00
60 T	1,1,1,2-Tetrachloroethane	0.295	0.319	-8.1	92	0.00
61 t	Pentachloroethane	0.228	0.246	-7.9	91	0.00
62 t	Hexachloroethane	0.249	0.277	-11.2	92	0.00
63 Rt	Ethyl Benzene	1.385	1.455	-5.1	89	0.00
64 RT	m/p-Xylenes	0.538	0.578	-7.4	90	0.00
65 RT	o-Xylene	0.528	0.571	-8.1	90	0.00
66 RT	Styrene	0.881	0.956	-8.5	90	0.00
67 t	Bromoform	0.180	0.201	-11.7	93	0.00
68 S	1,2-Dichlorobenzene-d4	0.400	0.446	-11.5	93	0.00
69 T	Isopropylbenzene	1.411	1.512	-7.2	90	0.00
70 T	1,1,2,2-Tetrachloroethane	0.260	0.275	-5.8	88	0.00
71 T	1,2,3-Trichloropropane	0.179	0.180	-0.6	81	0.00
72 t	Bromobenzene	0.342	0.385	-12.6	93	0.00
73 t	n-propylbenzene	0.393	0.429	-9.2	90	0.00
74 t	2-Chlorotoluene	0.335	0.368	-9.9	92	0.00
75 t	1,3,5-Trimethylbenzene	1.217	1.302	-7.0	90	0.00
76 t	4-Chlorotoluene	0.347	0.372	-7.2	89	0.00
77 t	tert-Butylbenzene	1.203	1.307	-8.6	91	0.00
78 t	1,2,4-Trimethylbenzene	1.232	1.331	-8.0	89	0.00
79 t	sec-Butylbenzene	1.574	1.685	-7.1	88	0.00
80	Nitrobenzene	0.012	0.012	0.0	73	0.00
81 t	p-Isopropyltoluene	1.334	1.459	-9.4	90	0.00
82 t	1,3-Dichlorobenzene	0.671	0.741	-10.4	91	0.00
83 Rt	1,4-Dichlorobenzene	0.668	0.737	-10.3	91	0.00
84 t	n-Butylbenzene	1.224	1.323	-8.1	87	0.00
85 Rt	1,2-Dichlorobenzene	0.635	0.701	-10.4	91	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.049	0.050	-2.0	86	0.00
87 Rt	1,2,4-Trichlorobenzene	0.446	0.515	-15.5	91	0.00
88 t	Hexachlorobutadiene	0.258	0.302	-17.1	96	0.00
89 t	Naphthalene	0.756	0.889	-17.6	90	0.00
90 t	1,2,3-Trichlorobenzene	0.407	0.468	-15.0	93	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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