

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU091119\
 Data File : VU034472.D
 Acq On : 11 Sep 2019 12:28
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU091119

Quant Time: Sep 12 03:54:50 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	105	0.00
2 T	Dichlorodifluoromethane	0.366	0.199	45.6#	59	0.00
3 t	Chloromethane	0.403	0.215	46.7#	60	0.00
4 Rt	Vinyl Chloride	0.396	0.237	40.2#	64	0.00
5 T	Bromomethane	0.231	0.143	38.1#	69	0.00
6 T	Chloroethane	0.229	0.155	32.3#	73	0.00
7 T	Trichlorofluoromethane	0.487	0.361	25.9	80	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.264	0.231	12.5	95	0.00
9 Rt	1,1-Dichloroethene	0.266	0.207	22.2	84	0.00
10 t	Iodomethane	0.248	0.185	25.4	64	0.00
11 t	Allyl Chloride	0.437	0.360	17.6	88	0.00
12 t	Acrylonitrile	0.055	0.146	-165.5#	288#	0.00
13 T	Acetone	0.046	0.070	-52.2#	170	0.00
14 T	Carbon Disulfide	0.934	0.394	57.8#	46	0.00
15 RT	Methylene Chloride	0.309	0.248	19.7	93	0.00
16 RT	trans-1,2-Dichloroethene	0.298	0.226	24.2	84	0.00
17 t	1,1-Dichloroethane	0.568	0.509	10.4	97	0.00
18 T	2-Butanone	0.067	0.089	-32.8#	128	0.00
19	Cyclohexane	0.445	0.335	24.7	73	0.00
20	Methylcyclohexane	0.464	0.355	23.5	74	0.00
21 T	2,2-Dichloropropane	0.468	0.425	9.2	98	0.00
22 RT	cis-1,2-Dichloroethene	0.323	0.293	9.3	94	0.00
23 t	Diethyl Ether	0.199	0.176	11.6	94	0.00
24 t	tert-Butyl Alcohol	0.027	0.012	55.6#	60	0.00
25 t	Methyl tert-Butyl Ether	0.638	0.654	-2.5	109	0.00
26 t	Bromochloromethane	0.136	0.139	-2.2	109	0.00
27 t	Chloroform	0.590	0.518	12.2	102	0.00
28 RT	1,1,1-Trichloroethane	0.463	0.422	8.9	97	0.00
29 T	1,1-Dichloropropene	0.400	0.327	18.3	83	0.00
30 RT	Carbon Tetrachloride	0.415	0.363	12.5	93	0.00
31 t	Isopropyl Ether	0.817	0.875	-7.1	110	0.00
32	Ethyl-t-butyl ether	0.699	0.000	100.0#	0#	-4.05#
33	Tert-Amyl methyl ether	0.586	0.000	100.0#	0#	-5.56#
34 t	Propionitrile	0.019	0.047	-147.4#	243#	0.00
35 RT	Benzene	1.200	1.067	11.1	92	0.00
36 RT	1,2-Dichloroethane	0.308	0.295	4.2	100	0.00
37 RT	Trichloroethene	0.336	0.295	12.2	91	0.00
38 Rt	1,2-Dichloropropane	0.318	0.308	3.1	102	0.00
39 t	Methacrylonitrile	0.078	0.095	-21.8	121	0.00
40 t	Methyl acrylate	0.119	0.140	-17.6	110	0.00
41 t	Tetrahydrofuran	0.040	0.119	-197.5#	292#	0.00
42 t	1-Chlorobutane	0.544	0.466	14.3	84	0.00
43 T	Dibromomethane	0.150	0.145	3.3	105	0.00
44 T	Bromodichloromethane	0.384	0.389	-1.3	107	0.00
45 T	4-Methyl-2-Pentanone	0.152	0.188	-23.7	121	0.00
46 t	t-1,4-Dichloro-2-butene	0.060	0.039	35.0#	68	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.119	0.069	42.0#	55	0.00
48 t	Ethyl methacrylate	0.214	0.276	-29.0	120	0.00
49 Rt	Toluene	0.700	0.676	3.4	94	0.00
50 T	t-1,3-Dichloropropene	0.317	0.357	-12.6	113	0.00
51 T	cis-1,3-Dichloropropene	0.398	0.425	-6.8	106	0.00
52 RT	1,1,2-Trichloroethane	0.208	0.223	-7.2	117	0.00
53 t	1,3-Dichloropropane	0.347	0.373	-7.5	112	0.00
54 t	2-Hexanone	0.102	0.143	-40.2#	132	0.00
55 t	Dibromochloromethane	0.252	0.272	-7.9	112	0.00
56 T	1,2-Dibromoethane	0.191	0.201	-5.2	112	0.00
57 S	4-Bromofluorobenzene	0.387	0.406	-4.9	108	0.00
58 RT	Tetrachloroethene	0.319	0.279	12.5	91	0.00
59 Rt	Chlorobenzene	0.780	0.776	0.5	100	0.00
60 T	1,1,1,2-Tetrachloroethane	0.289	0.296	-2.4	108	0.00
61 t	Pentachloroethane	0.234	0.240	-2.6	111	0.00
62 t	Hexachloroethane	0.208	0.220	-5.8	111	0.00
63 Rt	Ethyl Benzene	1.251	1.353	-8.2	100	0.00
64 RT	m/p-Xylenes	0.507	0.534	-5.3	98	0.00
65 RT	o-Xylene	0.483	0.512	-6.0	100	0.00
66 RT	Styrene	0.808	0.928	-14.9	104	0.00
67 t	Bromoform	0.148	0.169	-14.2	118	0.00
68 S	1,2-Dichlorobenzene-d4	0.417	0.409	1.9	103	0.00
69 T	Isopropylbenzene	1.258	1.436	-14.1	107	0.00
70 T	1,1,2,2-Tetrachloroethane	0.267	0.297	-11.2	120	0.00
71 T	1,2,3-Trichloropropane	0.190	0.218	-14.7	116	0.00
72 t	Bromobenzene	0.341	0.369	-8.2	109	0.00
73 t	n-propylbenzene	0.364	0.404	-11.0	102	0.00
74 t	2-Chlorotoluene	0.328	0.350	-6.7	103	0.00
75 t	1,3,5-Trimethylbenzene	1.130	1.295	-14.6	106	0.00
76 t	4-Chlorotoluene	0.332	0.371	-11.7	108	0.00
77 t	tert-Butylbenzene	1.095	1.211	-10.6	104	0.00
78 t	1,2,4-Trimethylbenzene	1.141	1.324	-16.0	106	0.00
79 t	sec-Butylbenzene	1.473	1.532	-4.0	98	0.00
80	Nitrobenzene	0.006	0.002	66.7#	30	0.00
81 t	p-Isopropyltoluene	1.229	1.452	-18.1	109	0.00
82 t	1,3-Dichlorobenzene	0.708	0.740	-4.5	107	0.00
83 Rt	1,4-Dichlorobenzene	0.704	0.745	-5.8	108	0.00
84 t	n-Butylbenzene	1.131	1.368	-21.0	111	0.00
85 Rt	1,2-Dichlorobenzene	0.642	0.682	-6.2	109	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.036	0.048	-33.3#	129	0.00
87 Rt	1,2,4-Trichlorobenzene	0.370	0.533	-44.1#	131	0.00
88 t	Hexachlorobutadiene	0.282	0.306	-8.5	112	0.00
89 t	Naphthalene	0.478	0.869	-81.8#	148	0.00
90 t	1,2,3-Trichlorobenzene	0.341	0.481	-41.1#	126	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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