

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020719\
 Data File : VU029370.D
 Acq On : 07 Feb 2019 15:09
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 08 13:08:06 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	97	0.00
2 T	Dichlorodifluoromethane	0.373	0.358	4.0	94	0.00
3 t	Chloromethane	0.341	0.307	10.0	91	0.00
4 Rt	Vinyl Chloride	0.400	0.385	3.8	93	0.00
5 T	Bromomethane	0.222	0.225	-1.4	109	0.00
6 T	Chloroethane	0.234	0.234	0.0	98	0.00
7 T	Trichlorofluoromethane	0.558	0.585	-4.8	101	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.295	0.317	-7.5	103	0.00
9 Rt	1,1-Dichloroethene	0.288	0.300	-4.2	101	0.00
10 t	Iodomethane	0.370	0.456	-23.2	102	0.00
11 t	Allyl Chloride	0.484	0.451	6.8	89	0.00
12 t	Acrylonitrile	0.065	0.062	4.6	94	0.00
13 T	Acetone	0.062	0.054	12.9	88	0.00
14 T	Carbon Disulfide	1.019	1.024	-0.5	98	0.00
15 RT	Methylene Chloride	0.350	0.332	5.1	101	0.00
16 RT	trans-1,2-Dichloroethene	0.323	0.338	-4.6	102	0.00
17 t	1,1-Dichloroethane	0.511	0.595	-16.4	115	0.00
18 T	2-Butanone	0.070	0.068	2.9	87	0.00
19	Cyclohexane	0.474	0.426	10.1	92	0.00
20	Methylcyclohexane	0.498	0.509	-2.2	97	0.00
21 T	2,2-Dichloropropane	0.473	0.464	1.9	96	0.00
22 RT	cis-1,2-Dichloroethene	0.304	0.328	-7.9	103	0.00
23 t	Diethyl Ether	0.232	0.225	3.0	94	0.00
24 t	tert-Butyl Alcohol	0.024	0.024	0.0	97	0.00
25 t	Methyl tert-Butyl Ether	0.812	0.821	-1.1	97	0.00
26 t	Bromochloromethane	0.134	0.145	-8.2	104	0.00
27 t	Chloroform	0.497	0.520	-4.6	100	0.00
28 RT	1,1,1-Trichloroethane	0.461	0.479	-3.9	99	0.00
29 T	1,1-Dichloropropene	0.400	0.401	-0.3	96	0.00
30 RT	Carbon Tetrachloride	0.417	0.450	-7.9	102	0.00
31 t	Isopropyl Ether	0.771	0.894	-16.0	110	0.00
32	Ethyl-t-butyl ether	0.773	0.760	1.7	94	0.00
33	Tert-Amyl methyl ether	0.699	0.711	-1.7	96	0.00
34 t	Propionitrile	0.018	0.019	-5.6	90	0.00
35 RT	Benzene	1.106	1.134	-2.5	97	0.00
36 RT	1,2-Dichloroethane	0.335	0.328	2.1	92	0.00
37 RT	Trichloroethene	0.317	0.350	-10.4	105	0.00
38 Rt	1,2-Dichloropropane	0.288	0.283	1.7	94	0.00
39 t	Methacrylonitrile	0.094	0.088	6.4	88	0.00
40 t	Methyl acrylate	0.142	0.142	0.0	94	0.00
41 t	Tetrahydrofuran	0.047	0.042	10.6	85	0.00
42 t	1-Chlorobutane	0.536	0.516	3.7	91	0.00
43 T	Dibromomethane	0.153	0.158	-3.3	100	0.00
44 T	Bromodichloromethane	0.391	0.399	-2.0	97	0.00
45 T	4-Methyl-2-Pentanone	0.180	0.170	5.6	87	0.00
46 t	t-1,4-Dichloro-2-butene	0.088	0.086	2.3	88	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.135	0.140	-3.7	95	0.00
48 t	Ethyl methacrylate	0.289	0.299	-3.5	94	0.00
49 Rt	Toluene	0.708	0.735	-3.8	98	0.00
50 T	t-1,3-Dichloropropene	0.383	0.385	-0.5	93	0.00
51 T	cis-1,3-Dichloropropene	0.455	0.462	-1.5	95	0.00
52 RT	1,1,2-Trichloroethane	0.203	0.220	-8.4	102	0.00
53 t	1,3-Dichloropropane	0.357	0.365	-2.2	96	0.00
54 t	2-Hexanone	0.126	0.120	4.8	85	0.00
55 t	Dibromochloromethane	0.289	0.309	-6.9	101	0.00
56 T	1,2-Dibromoethane	0.208	0.215	-3.4	99	0.00
57 S	4-Bromofluorobenzene	0.390	0.407	-4.4	101	0.00
58 RT	Tetrachloroethene	0.295	0.334	-13.2	106	0.00
59 Rt	Chlorobenzene	0.797	0.866	-8.7	102	0.00
60 T	1,1,1,2-Tetrachloroethane	0.295	0.321	-8.8	103	0.00
61 t	Pentachloroethane	0.228	0.248	-8.8	101	0.00
62 t	Hexachloroethane	0.249	0.277	-11.2	102	0.00
63 Rt	Ethyl Benzene	1.385	1.454	-5.0	98	0.00
64 RT	m/p-Xylenes	0.538	0.581	-8.0	100	0.00
65 RT	o-Xylene	0.528	0.569	-7.8	99	0.00
66 RT	Styrene	0.881	0.957	-8.6	100	0.00
67 t	Bromoform	0.180	0.195	-8.3	100	0.00
68 S	1,2-Dichlorobenzene-d4	0.400	0.461	-15.3	107	0.00
69 T	Isopropylbenzene	1.411	1.512	-7.2	99	0.00
70 T	1,1,2,2-Tetrachloroethane	0.260	0.272	-4.6	97	0.00
71 T	1,2,3-Trichloropropane	0.179	0.194	-8.4	97	0.00
72 t	Bromobenzene	0.342	0.395	-15.5	106	0.00
73 t	n-propylbenzene	0.393	0.440	-12.0	103	0.00
74 t	2-Chlorotoluene	0.335	0.374	-11.6	104	0.00
75 t	1,3,5-Trimethylbenzene	1.217	1.289	-5.9	98	0.00
76 t	4-Chlorotoluene	0.347	0.385	-11.0	102	0.00
77 t	tert-Butylbenzene	1.203	1.309	-8.8	101	0.00
78 t	1,2,4-Trimethylbenzene	1.232	1.309	-6.2	98	0.00
79 t	sec-Butylbenzene	1.574	1.687	-7.2	98	0.00
80	Nitrobenzene	0.012	0.011	8.3	71	0.00
81 t	p-Isopropyltoluene	1.334	1.467	-10.0	100	0.00
82 t	1,3-Dichlorobenzene	0.671	0.762	-13.6	104	0.00
83 Rt	1,4-Dichlorobenzene	0.668	0.766	-14.7	104	0.00
84 t	n-Butylbenzene	1.224	1.302	-6.4	95	0.00
85 Rt	1,2-Dichlorobenzene	0.635	0.711	-12.0	102	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.049	0.047	4.1	91	0.00
87 Rt	1,2,4-Trichlorobenzene	0.446	0.534	-19.7	105	0.00
88 t	Hexachlorobutadiene	0.258	0.312	-20.9	111	0.00
89 t	Naphthalene	0.756	0.880	-16.4	99	0.00
90 t	1,2,3-Trichlorobenzene	0.407	0.478	-17.4	105	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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