

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012919\
 Data File : VU029309.D
 Acq On : 29 Jan 2019 19:23
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 30 12:36:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jan 30 09:13:14 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	99	0.00
2 T	Dichlorodifluoromethane	0.461	0.240	47.9#	52	0.00
3 t	Chloromethane	0.374	0.290	22.5	80	0.00
4 Rt	Vinyl Chloride	0.385	0.317	17.7	84	0.00
5 T	Bromomethane	0.241	0.202	16.2	97	0.00
6 T	Chloroethane	0.270	0.245	9.3	92	0.00
7 T	Trichlorofluoromethane	0.714	0.639	10.5	92	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.298	0.292	2.0	99	0.00
9 Rt	1,1-Dichloroethene	0.276	0.268	2.9	99	0.00
10 t	Iodomethane	0.242	0.277	-14.5	89	0.00
11 t	Allyl Chloride	0.653	0.630	3.5	100	0.00
12 t	Acrylonitrile	0.083	0.194	-133.7#	242#	0.00
13 T	Acetone	0.103	0.093	9.7	108	0.00
14 T	Carbon Disulfide	0.996	0.914	8.2	97	0.00
15 RT	Methylene Chloride	0.365	0.305	16.4	95	0.00
16 RT	trans-1,2-Dichloroethene	0.311	0.309	0.6	103	0.00
17 t	1,1-Dichloroethane	0.672	0.626	6.8	98	0.00
18 T	2-Butanone	0.106	0.112	-5.7	105	0.00
19	Cyclohexane	0.426	0.464	-8.9	106	0.00
20	Methylcyclohexane	0.455	0.513	-12.7	105	0.00
21 T	2,2-Dichloropropane	0.609	0.567	6.9	95	0.00
22 RT	cis-1,2-Dichloroethene	0.327	0.324	0.9	99	0.00
23 t	Diethyl Ether	0.278	0.269	3.2	100	0.00
24 t	tert-Butyl Alcohol	0.035	0.016	54.3#	48	0.00
25 t	Methyl tert-Butyl Ether	0.938	0.932	0.6	103	0.00
26 t	Bromochloromethane	0.134	0.145	-8.2	106	0.00
27 t	Chloroform	0.673	0.655	2.7	97	0.00
28 RT	1,1,1-Trichloroethane	0.629	0.615	2.2	99	0.00
29 T	1,1-Dichloropropene	0.464	0.482	-3.9	99	0.00
30 RT	Carbon Tetrachloride	0.550	0.542	1.5	99	0.00
31 t	Isopropyl Ether	0.985	1.074	-9.0	109	0.00
32	Ethyl-t-butyl ether	0.904	0.000	100.0#	0#	-4.06#
33	Tert-Amyl methyl ether	0.768	0.000	100.0#	0#	-5.58#
34 t	Propionitrile	0.027	0.059	-118.5#	208#	0.00
35 RT	Benzene	1.275	1.279	-0.3	98	0.00
36 RT	1,2-Dichloroethane	0.528	0.515	2.5	98	0.00
37 RT	Trichloroethene	0.321	0.317	1.2	96	0.00
38 Rt	1,2-Dichloropropane	0.349	0.346	0.9	98	0.00
39 t	Methacrylonitrile	0.127	0.132	-3.9	99	0.00
40 t	Methyl acrylate	0.172	0.181	-5.2	99	0.00
41 t	Tetrahydrofuran	0.059	0.169	-186.4#	269#	0.00
42 t	1-Chlorobutane	0.710	0.714	-0.6	99	0.00
43 T	Dibromomethane	0.174	0.173	0.6	98	0.00
44 T	Bromodichloromethane	0.506	0.496	2.0	97	0.00
45 T	4-Methyl-2-Pentanone	0.241	0.251	-4.1	97	0.00
46 t	t-1,4-Dichloro-2-butene	0.081	0.041	49.4#	50	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.147	0.084	42.9#	51	0.00
48 t	Ethyl methacrylate	0.281	0.313	-11.4	100	0.00
49 Rt	Toluene	0.740	0.809	-9.3	103	0.00
50 T	t-1,3-Dichloropropene	0.433	0.481	-11.1	103	0.00
51 T	cis-1,3-Dichloropropene	0.478	0.507	-6.1	100	0.00
52 RT	1,1,2-Trichloroethane	0.228	0.242	-6.1	102	0.00
53 t	1,3-Dichloropropane	0.428	0.437	-2.1	100	0.00
54 t	2-Hexanone	0.170	0.180	-5.9	98	0.00
55 t	Dibromochloromethane	0.308	0.305	1.0	97	0.00
56 T	1,2-Dibromoethane	0.210	0.228	-8.6	105	0.00
57 S	4-Bromofluorobenzene	0.389	0.417	-7.2	101	0.00
58 RT	Tetrachloroethene	0.305	0.315	-3.3	101	0.00
59 Rt	Chlorobenzene	0.804	0.855	-6.3	102	0.00
60 T	1,1,1,2-Tetrachloroethane	0.332	0.329	0.9	99	0.00
61 t	Pentachloroethane	0.256	0.256	0.0	100	0.00
62 t	Hexachloroethane	0.246	0.256	-4.1	99	0.00
63 Rt	Ethyl Benzene	1.406	1.596	-13.5	103	0.00
64 RT	m/p-Xylenes	0.528	0.617	-16.9	105	0.00
65 RT	o-Xylene	0.507	0.566	-11.6	101	0.00
66 RT	Styrene	0.873	0.962	-10.2	97	0.00
67 t	Bromoform	0.178	0.186	-4.5	100	0.00
68 S	1,2-Dichlorobenzene-d4	0.389	0.427	-9.8	107	0.00
69 T	Isopropylbenzene	1.402	1.642	-17.1	107	0.00
70 T	1,1,2,2-Tetrachloroethane	0.305	0.296	3.0	96	0.00
71 T	1,2,3-Trichloropropane	0.259	0.250	3.5	90	0.00
72 t	Bromobenzene	0.346	0.382	-10.4	105	0.00
73 t	n-propylbenzene	0.377	0.430	-14.1	102	0.00
74 t	2-Chlorotoluene	0.329	0.372	-13.1	102	0.00
75 t	1,3,5-Trimethylbenzene	1.242	1.435	-15.5	104	0.00
76 t	4-Chlorotoluene	0.349	0.388	-11.2	102	0.00
77 t	tert-Butylbenzene	1.194	1.325	-11.0	100	0.00
78 t	1,2,4-Trimethylbenzene	1.266	1.472	-16.3	102	0.00
79 t	sec-Butylbenzene	1.562	1.695	-8.5	96	0.00
80	Nitrobenzene	0.012	0.003	75.0#	22	0.00
81 t	p-Isopropyltoluene	1.321	1.521	-15.1	101	0.00
82 t	1,3-Dichlorobenzene	0.717	0.740	-3.2	101	0.00
83 Rt	1,4-Dichlorobenzene	0.723	0.761	-5.3	102	0.00
84 t	n-Butylbenzene	1.284	1.502	-17.0	103	0.00
85 Rt	1,2-Dichlorobenzene	0.649	0.687	-5.9	99	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.056	0.063	-12.5	102	0.00
87 Rt	1,2,4-Trichlorobenzene	0.439	0.526	-19.8	107	0.00
88 t	Hexachlorobutadiene	0.280	0.309	-10.4	102	0.00
89 t	Naphthalene	0.705	0.901	-27.8	105	0.00
90 t	1,2,3-Trichlorobenzene	0.408	0.480	-17.6	106	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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