

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU022619\
 Data File : VU029671.D
 Acq On : 26 Feb 2019 09:53
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 27 00:27:13 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	107	0.00
2 T	Dichlorodifluoromethane	0.373	0.356	4.6	103	0.00
3 t	Chloromethane	0.341	0.281	17.6	92	0.00
4 Rt	Vinyl Chloride	0.400	0.355	11.3	94	0.00
5 T	Bromomethane	0.222	0.193	13.1	102	0.00
6 T	Chloroethane	0.234	0.216	7.7	100	0.00
7 T	Trichlorofluoromethane	0.558	0.508	9.0	96	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.295	0.295	0.0	106	0.00
9 Rt	1,1-Dichloroethene	0.288	0.284	1.4	105	0.00
10 t	Iodomethane	0.370	0.229	38.1#	56	0.00
11 t	Allyl Chloride	0.484	0.391	19.2	85	0.00
12 t	Acrylonitrile	0.065	0.061	6.2	102	0.00
13 T	Acetone	0.062	0.054	12.9	96	0.00
14 T	Carbon Disulfide	1.019	0.931	8.6	98	0.00
15 RT	Methylene Chloride	0.350	0.321	8.3	108	0.00
16 RT	trans-1,2-Dichloroethene	0.323	0.320	0.9	106	0.00
17 t	1,1-Dichloroethane	0.511	0.547	-7.0	117	0.00
18 T	2-Butanone	0.070	0.075	-7.1	106	0.00
19	Cyclohexane	0.474	0.368	22.4	88	0.00
20	Methylcyclohexane	0.498	0.513	-3.0	108	0.00
21 T	2,2-Dichloropropane	0.473	0.442	6.6	100	0.00
22 RT	cis-1,2-Dichloroethene	0.304	0.333	-9.5	115	0.00
23 t	Diethyl Ether	0.232	0.215	7.3	99	0.00
24 t	tert-Butyl Alcohol	0.024	0.022	8.3	99	0.00
25 t	Methyl tert-Butyl Ether	0.812	0.734	9.6	96	0.00
26 t	Bromochloromethane	0.134	0.147	-9.7	117	0.00
27 t	Chloroform	0.497	0.522	-5.0	110	0.00
28 RT	1,1,1-Trichloroethane	0.461	0.458	0.7	104	0.00
29 T	1,1-Dichloropropene	0.400	0.402	-0.5	105	0.00
30 RT	Carbon Tetrachloride	0.417	0.410	1.7	102	0.00
31 t	Isopropyl Ether	0.771	0.716	7.1	97	0.00
32	Ethyl-t-butyl ether	0.773	0.732	5.3	100	0.00
33	Tert-Amyl methyl ether	0.699	0.698	0.1	104	0.00
34 t	Propionitrile	0.018	0.021	-16.7	109	0.00
35 RT	Benzene	1.106	1.177	-6.4	111	0.00
36 RT	1,2-Dichloroethane	0.335	0.327	2.4	101	0.00
37 RT	Trichloroethene	0.317	0.349	-10.1	116	0.00
38 Rt	1,2-Dichloropropane	0.288	0.301	-4.5	110	0.00
39 t	Methacrylonitrile	0.094	0.089	5.3	99	0.00
40 t	Methyl acrylate	0.142	0.144	-1.4	105	0.00
41 t	Tetrahydrofuran	0.047	0.044	6.4	99	0.00
42 t	1-Chlorobutane	0.536	0.524	2.2	102	0.00
43 T	Dibromomethane	0.153	0.162	-5.9	113	0.00
44 T	Bromodichloromethane	0.391	0.385	1.5	103	0.00
45 T	4-Methyl-2-Pentanone	0.180	0.176	2.2	99	0.00
46 t	t-1,4-Dichloro-2-butene	0.088	0.078	11.4	89	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.135	0.145	-7.4	108	0.00
48 t	Ethyl methacrylate	0.289	0.295	-2.1	102	0.00
49 Rt	Toluene	0.708	0.770	-8.8	113	0.00
50 T	t-1,3-Dichloropropene	0.383	0.368	3.9	97	0.00
51 T	cis-1,3-Dichloropropene	0.455	0.449	1.3	102	0.00
52 RT	1,1,2-Trichloroethane	0.203	0.229	-12.8	117	0.00
53 t	1,3-Dichloropropane	0.357	0.382	-7.0	111	0.00
54 t	2-Hexanone	0.126	0.126	0.0	99	0.00
55 t	Dibromochloromethane	0.289	0.295	-2.1	106	0.00
56 T	1,2-Dibromoethane	0.208	0.221	-6.3	113	0.00
57 S	4-Bromofluorobenzene	0.390	0.456	-16.9	125	0.00
58 RT	Tetrachloroethene	0.295	0.338	-14.6	118	0.00
59 Rt	Chlorobenzene	0.797	0.873	-9.5	113	0.00
60 T	1,1,1,2-Tetrachloroethane	0.295	0.309	-4.7	109	0.00
61 t	Pentachloroethane	0.228	0.230	-0.9	103	0.00
62 t	Hexachloroethane	0.249	0.251	-0.8	102	0.00
63 Rt	Ethyl Benzene	1.385	1.481	-6.9	111	0.00
64 RT	m/p-Xylenes	0.538	0.590	-9.7	112	0.00
65 RT	o-Xylene	0.528	0.572	-8.3	110	0.00
66 RT	Styrene	0.881	0.973	-10.4	112	0.00
67 t	Bromoform	0.180	0.178	1.1	100	0.00
68 S	1,2-Dichlorobenzene-d4	0.400	0.467	-16.8	119	0.00
69 T	Isopropylbenzene	1.411	1.519	-7.7	110	0.00
70 T	1,1,2,2-Tetrachloroethane	0.260	0.293	-12.7	115	0.00
71 T	1,2,3-Trichloropropane	0.179	0.209	-16.8	115	0.00
72 t	Bromobenzene	0.342	0.392	-14.6	116	0.00
73 t	n-propylbenzene	0.393	0.439	-11.7	113	0.00
74 t	2-Chlorotoluene	0.335	0.372	-11.0	114	0.00
75 t	1,3,5-Trimethylbenzene	1.217	1.298	-6.7	109	0.00
76 t	4-Chlorotoluene	0.347	0.389	-12.1	113	0.00
77 t	tert-Butylbenzene	1.203	1.292	-7.4	110	0.00
78 t	1,2,4-Trimethylbenzene	1.232	1.334	-8.3	110	0.00
79 t	sec-Butylbenzene	1.574	1.715	-9.0	110	0.00
80	Nitrobenzene	0.012	0.007	41.7#	49	0.00
81 t	p-Isopropyltoluene	1.334	1.467	-10.0	110	0.00
82 t	1,3-Dichlorobenzene	0.671	0.765	-14.0	115	0.00
83 Rt	1,4-Dichlorobenzene	0.668	0.766	-14.7	115	0.00
84 t	n-Butylbenzene	1.224	1.345	-9.9	108	0.00
85 Rt	1,2-Dichlorobenzene	0.635	0.718	-13.1	114	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.049	0.043	12.2	92	0.00
87 Rt	1,2,4-Trichlorobenzene	0.446	0.505	-13.2	109	0.00
88 t	Hexachlorobutadiene	0.258	0.300	-16.3	117	0.00
89 t	Naphthalene	0.756	0.868	-14.8	108	0.00
90 t	1,2,3-Trichlorobenzene	0.407	0.463	-13.8	112	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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