

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022619\
 Data File : VU029677.D
 Acq On : 26 Feb 2019 13:07
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 27 00:53:00 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	114	0.00
2 T	Dichlorodifluoromethane	0.373	0.342	8.3	105	0.00
3 t	Chloromethane	0.341	0.265	22.3	92	0.00
4 Rt	Vinyl Chloride	0.400	0.350	12.5	99	0.00
5 T	Bromomethane	0.222	0.183	17.6	103	0.00
6 T	Chloroethane	0.234	0.211	9.8	104	0.00
7 T	Trichlorofluoromethane	0.558	0.498	10.8	100	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.295	0.290	1.7	111	0.00
9 Rt	1,1-Dichloroethene	0.288	0.282	2.1	111	0.00
10 t	Iodomethane	0.370	0.243	34.3#	64	0.00
11 t	Allyl Chloride	0.484	0.389	19.6	90	0.00
12 t	Acrylonitrile	0.065	0.060	7.7	107	0.00
13 T	Acetone	0.062	0.053	14.5	100	0.00
14 T	Carbon Disulfide	1.019	0.904	11.3	101	0.00
15 RT	Methylene Chloride	0.350	0.322	8.0	115	0.00
16 RT	trans-1,2-Dichloroethene	0.323	0.315	2.5	111	0.00
17 t	1,1-Dichloroethane	0.511	0.489	4.3	111	0.00
18 T	2-Butanone	0.070	0.070	0.0	106	0.00
19	Cyclohexane	0.474	0.360	24.1	92	0.00
20	Methylcyclohexane	0.498	0.506	-1.6	113	0.00
21 T	2,2-Dichloropropane	0.473	0.430	9.1	104	0.00
22 RT	cis-1,2-Dichloroethene	0.304	0.330	-8.6	121	0.00
23 t	Diethyl Ether	0.232	0.211	9.1	104	0.00
24 t	tert-Butyl Alcohol	0.024	0.022	8.3	104	0.00
25 t	Methyl tert-Butyl Ether	0.812	0.725	10.7	101	0.00
26 t	Bromochloromethane	0.134	0.142	-6.0	119	0.00
27 t	Chloroform	0.497	0.516	-3.8	116	0.00
28 RT	1,1,1-Trichloroethane	0.461	0.446	3.3	108	0.00
29 T	1,1-Dichloropropene	0.400	0.397	0.8	111	0.00
30 RT	Carbon Tetrachloride	0.417	0.400	4.1	106	0.00
31 t	Isopropyl Ether	0.771	0.707	8.3	102	0.00
32	Ethyl-t-butyl ether	0.773	0.720	6.9	105	0.00
33	Tert-Amyl methyl ether	0.699	0.682	2.4	108	0.00
34 t	Propionitrile	0.018	0.021	-16.7	115	0.00
35 RT	Benzene	1.106	1.163	-5.2	117	0.00
36 RT	1,2-Dichloroethane	0.335	0.321	4.2	105	0.00
37 RT	Trichloroethene	0.317	0.340	-7.3	120	0.00
38 Rt	1,2-Dichloropropane	0.288	0.292	-1.4	113	0.00
39 t	Methacrylonitrile	0.094	0.086	8.5	101	0.00
40 t	Methyl acrylate	0.142	0.140	1.4	109	0.00
41 t	Tetrahydrofuran	0.047	0.043	8.5	103	0.00
42 t	1-Chlorobutane	0.536	0.529	1.3	109	0.00
43 T	Dibromomethane	0.153	0.155	-1.3	116	0.00
44 T	Bromodichloromethane	0.391	0.380	2.8	109	0.00
45 T	4-Methyl-2-Pentanone	0.180	0.169	6.1	102	0.00
46 t	t-1,4-Dichloro-2-butene	0.088	0.074	15.9	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.135	0.139	-3.0	110	0.00
48 t	Ethyl methacrylate	0.289	0.284	1.7	105	0.00
49 Rt	Toluene	0.708	0.755	-6.6	118	0.00
50 T	t-1,3-Dichloropropene	0.383	0.351	8.4	99	0.00
51 T	cis-1,3-Dichloropropene	0.455	0.434	4.6	105	0.00
52 RT	1,1,2-Trichloroethane	0.203	0.223	-9.9	121	0.00
53 t	1,3-Dichloropropane	0.357	0.369	-3.4	114	0.00
54 t	2-Hexanone	0.126	0.122	3.2	102	0.00
55 t	Dibromochloromethane	0.289	0.284	1.7	108	0.00
56 T	1,2-Dibromoethane	0.208	0.214	-2.9	116	0.00
57 S	4-Bromofluorobenzene	0.390	0.397	-1.8	116	0.00
58 RT	Tetrachloroethene	0.295	0.340	-15.3	127	0.00
59 Rt	Chlorobenzene	0.797	0.863	-8.3	119	0.00
60 T	1,1,1,2-Tetrachloroethane	0.295	0.299	-1.4	112	0.00
61 t	Pentachloroethane	0.228	0.227	0.4	109	0.00
62 t	Hexachloroethane	0.249	0.243	2.4	106	0.00
63 Rt	Ethyl Benzene	1.385	1.465	-5.8	116	0.00
64 RT	m/p-Xylenes	0.538	0.584	-8.6	118	0.00
65 RT	o-Xylene	0.528	0.569	-7.8	116	0.00
66 RT	Styrene	0.881	0.962	-9.2	118	0.00
67 t	Bromoform	0.180	0.173	3.9	104	0.00
68 S	1,2-Dichlorobenzene-d4	0.400	0.455	-13.7	124	0.00
69 T	Isopropylbenzene	1.411	1.509	-6.9	116	0.00
70 T	1,1,2,2-Tetrachloroethane	0.260	0.283	-8.8	118	0.00
71 T	1,2,3-Trichloropropane	0.179	0.201	-12.3	117	0.00
72 t	Bromobenzene	0.342	0.386	-12.9	121	0.00
73 t	n-propylbenzene	0.393	0.430	-9.4	118	0.00
74 t	2-Chlorotoluene	0.335	0.362	-8.1	118	0.00
75 t	1,3,5-Trimethylbenzene	1.217	1.286	-5.7	115	0.00
76 t	4-Chlorotoluene	0.347	0.385	-11.0	120	0.00
77 t	tert-Butylbenzene	1.203	1.286	-6.9	116	0.00
78 t	1,2,4-Trimethylbenzene	1.232	1.317	-6.9	115	0.00
79 t	sec-Butylbenzene	1.574	1.709	-8.6	117	0.00
80	Nitrobenzene	0.012	0.006	50.0#	48	0.00
81 t	p-Isopropyltoluene	1.334	1.455	-9.1	116	0.00
82 t	1,3-Dichlorobenzene	0.671	0.765	-14.0	123	0.00
83 Rt	1,4-Dichlorobenzene	0.668	0.762	-14.1	122	0.00
84 t	n-Butylbenzene	1.224	1.332	-8.8	114	0.00
85 Rt	1,2-Dichlorobenzene	0.635	0.707	-11.3	119	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.049	0.044	10.2	100	0.00
87 Rt	1,2,4-Trichlorobenzene	0.446	0.510	-14.3	118	0.00
88 t	Hexachlorobutadiene	0.258	0.296	-14.7	123	0.00
89 t	Naphthalene	0.756	0.844	-11.6	111	0.00
90 t	1,2,3-Trichlorobenzene	0.407	0.459	-12.8	118	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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