

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020819\
 Data File : VU029386.D
 Acq On : 08 Feb 2019 19:58
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 09 04:06:30 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	92	0.00
2 T	Dichlorodifluoromethane	0.373	0.355	4.8	88	0.00
3 t	Chloromethane	0.341	0.307	10.0	87	0.00
4 Rt	Vinyl Chloride	0.400	0.390	2.5	89	0.00
5 T	Bromomethane	0.222	0.234	-5.4	107	0.00
6 T	Chloroethane	0.234	0.240	-2.6	96	0.00
7 T	Trichlorofluoromethane	0.558	0.607	-8.8	99	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.295	0.326	-10.5	101	0.00
9 Rt	1,1-Dichloroethene	0.288	0.318	-10.4	101	0.00
10 t	Iodomethane	0.370	0.457	-23.5	97	0.00
11 t	Allyl Chloride	0.484	0.460	5.0	86	0.00
12 t	Acrylonitrile	0.065	0.065	0.0	93	0.00
13 T	Acetone	0.062	0.051	17.7	79	0.00
14 T	Carbon Disulfide	1.019	1.048	-2.8	95	0.00
15 RT	Methylene Chloride	0.350	0.351	-0.3	101	0.00
16 RT	trans-1,2-Dichloroethene	0.323	0.358	-10.8	102	0.00
17 t	1,1-Dichloroethane	0.511	0.630	-23.3	116	0.00
18 T	2-Butanone	0.070	0.067	4.3	81	0.00
19	Cyclohexane	0.474	0.366	22.8	75	0.00
20	Methylcyclohexane	0.498	0.500	-0.4	90	0.00
21 T	2,2-Dichloropropane	0.473	0.438	7.4	86	0.00
22 RT	cis-1,2-Dichloroethene	0.304	0.337	-10.9	101	0.00
23 t	Diethyl Ether	0.232	0.237	-2.2	94	0.00
24 t	tert-Butyl Alcohol	0.024	0.025	-4.2	95	0.00
25 t	Methyl tert-Butyl Ether	0.812	0.861	-6.0	97	0.00
26 t	Bromochloromethane	0.134	0.151	-12.7	103	0.00
27 t	Chloroform	0.497	0.537	-8.0	98	0.00
28 RT	1,1,1-Trichloroethane	0.461	0.495	-7.4	97	0.00
29 T	1,1-Dichloropropene	0.400	0.414	-3.5	93	0.00
30 RT	Carbon Tetrachloride	0.417	0.458	-9.8	98	0.00
31 t	Isopropyl Ether	0.771	0.742	3.8	86	0.00
32	Ethyl-t-butyl ether	0.773	0.761	1.6	90	0.00
33	Tert-Amyl methyl ether	0.699	0.727	-4.0	93	0.00
34 t	Propionitrile	0.018	0.019	-5.6	87	0.00
35 RT	Benzene	1.106	1.164	-5.2	95	0.00
36 RT	1,2-Dichloroethane	0.335	0.333	0.6	88	0.00
37 RT	Trichloroethene	0.317	0.369	-16.4	105	0.00
38 Rt	1,2-Dichloropropane	0.288	0.292	-1.4	91	0.00
39 t	Methacrylonitrile	0.094	0.087	7.4	82	0.00
40 t	Methyl acrylate	0.142	0.142	0.0	89	0.00
41 t	Tetrahydrofuran	0.047	0.043	8.5	83	0.00
42 t	1-Chlorobutane	0.536	0.530	1.1	88	0.00
43 T	Dibromomethane	0.153	0.162	-5.9	97	0.00
44 T	Bromodichloromethane	0.391	0.408	-4.3	94	0.00
45 T	4-Methyl-2-Pentanone	0.180	0.171	5.0	83	0.00
46 t	t-1,4-Dichloro-2-butene	0.088	0.083	5.7	81	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.135	0.146	-8.1	94	0.00
48 t	Ethyl methacrylate	0.289	0.306	-5.9	91	0.00
49 Rt	Toluene	0.708	0.777	-9.7	98	0.00
50 T	t-1,3-Dichloropropene	0.383	0.387	-1.0	88	0.00
51 T	cis-1,3-Dichloropropene	0.455	0.472	-3.7	92	0.00
52 RT	1,1,2-Trichloroethane	0.203	0.223	-9.9	98	0.00
53 t	1,3-Dichloropropane	0.357	0.376	-5.3	94	0.00
54 t	2-Hexanone	0.126	0.120	4.8	81	0.00
55 t	Dibromochloromethane	0.289	0.322	-11.4	99	0.00
56 T	1,2-Dibromoethane	0.208	0.222	-6.7	97	0.00
57 S	4-Bromofluorobenzene	0.390	0.416	-6.7	98	0.00
58 RT	Tetrachloroethene	0.295	0.354	-20.0	107	0.00
59 Rt	Chlorobenzene	0.797	0.911	-14.3	102	0.00
60 T	1,1,1,2-Tetrachloroethane	0.295	0.336	-13.9	102	0.00
61 t	Pentachloroethane	0.228	0.257	-12.7	100	0.00
62 t	Hexachloroethane	0.249	0.277	-11.2	97	0.00
63 Rt	Ethyl Benzene	1.385	1.512	-9.2	97	0.00
64 RT	m/p-Xylenes	0.538	0.613	-13.9	100	0.00
65 RT	o-Xylene	0.528	0.596	-12.9	99	0.00
66 RT	Styrene	0.881	1.004	-14.0	100	0.00
67 t	Bromoform	0.180	0.202	-12.2	98	0.00
68 S	1,2-Dichlorobenzene-d4	0.400	0.450	-12.5	99	0.00
69 T	Isopropylbenzene	1.411	1.585	-12.3	99	0.00
70 T	1,1,2,2-Tetrachloroethane	0.260	0.279	-7.3	94	0.00
71 T	1,2,3-Trichloropropane	0.179	0.199	-11.2	94	0.00
72 t	Bromobenzene	0.342	0.420	-22.8	107	0.00
73 t	n-propylbenzene	0.393	0.455	-15.8	101	0.00
74 t	2-Chlorotoluene	0.335	0.388	-15.8	102	0.00
75 t	1,3,5-Trimethylbenzene	1.217	1.343	-10.4	97	0.00
76 t	4-Chlorotoluene	0.347	0.409	-17.9	103	0.00
77 t	tert-Butylbenzene	1.203	1.373	-14.1	100	0.00
78 t	1,2,4-Trimethylbenzene	1.232	1.379	-11.9	97	0.00
79 t	sec-Butylbenzene	1.574	1.764	-12.1	97	0.00
80	Nitrobenzene	0.012	0.009	25.0	56	0.00
81 t	p-Isopropyltoluene	1.334	1.525	-14.3	99	0.00
82 t	1,3-Dichlorobenzene	0.671	0.806	-20.1	104	0.00
83 Rt	1,4-Dichlorobenzene	0.668	0.803	-20.2	104	0.00
84 t	n-Butylbenzene	1.224	1.354	-10.6	94	0.00
85 Rt	1,2-Dichlorobenzene	0.635	0.761	-19.8	104	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.049	0.048	2.0	88	0.00
87 Rt	1,2,4-Trichlorobenzene	0.446	0.577	-29.4	108	0.00
88 t	Hexachlorobutadiene	0.258	0.328	-27.1	110	0.00
89 t	Naphthalene	0.756	0.931	-23.1	99	0.00
90 t	1,2,3-Trichlorobenzene	0.407	0.510	-25.3	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			