

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU100318\
 Data File : VU027363.D
 Acq On : 03 Oct 2018 17:34
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 03 18:13:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U100318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 03 17:14:05 2018
 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	100	0.00
2 T	Dichlorodifluoromethane	0.335	0.339	-1.2	100	0.00
3 t	Chloromethane	0.390	0.400	-2.6	102	0.00
4 Rt	Vinyl Chloride	0.396	0.403	-1.8	102	0.00
5 T	Bromomethane	0.166	0.204	-22.9	118	0.00
6 T	Chloroethane	0.313	0.257	17.9	105	0.00
7 T	Trichlorofluoromethane	0.459	0.461	-0.4	101	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.270	0.270	0.0	101	0.00
9 Rt	1,1-Dichloroethene	0.225	0.230	-2.2	104	0.00
10 t	Iodomethane	0.254	0.275	-8.3	93	0.00
11 t	Allyl Chloride	0.594	0.586	1.3	102	0.00
12 t	Acrylonitrile	0.078	0.072	7.7	95	0.00
13 T	Acetone	0.073	0.069	5.5	107	0.00
14 T	Carbon Disulfide	0.699	0.695	0.6	101	0.00
15 RT	Methylene Chloride	0.322	0.296	8.1	102	0.00
16 RT	trans-1,2-Dichloroethene	0.262	0.249	5.0	96	0.00
17 t	1,1-Dichloroethane	0.632	0.608	3.8	96	0.00
18 T	2-Butanone	0.119	0.119	0.0	106	0.00
19	Cyclohexane	0.477	0.482	-1.0	101	0.00
20	Methylcyclohexane	0.428	0.436	-1.9	97	0.00
21 T	2,2-Dichloropropane	0.541	0.540	0.2	105	0.00
22 RT	cis-1,2-Dichloroethene	0.315	0.327	-3.8	107	0.00
23 t	Diethyl Ether	0.240	0.242	-0.8	101	0.00
24 t	tert-Butyl Alcohol	0.027	0.025	7.4	95	0.00
25 t	Methyl tert-Butyl Ether	0.751	0.719	4.3	93	0.00
26 t	Bromochloromethane	0.116	0.125	-7.8	108	0.00
27 t	Chloroform	0.577	0.606	-5.0	107	0.00
28 RT	1,1,1-Trichloroethane	0.468	0.489	-4.5	104	0.00
29 T	1,1-Dichloropropene	0.421	0.437	-3.8	105	0.00
30 RT	Carbon Tetrachloride	0.387	0.418	-8.0	106	0.00
31 t	Isopropyl Ether	1.201	1.109	7.7	94	0.00
32	Ethyl-t-butyl ether	0.938	0.961	-2.5	101	0.00
33	Tert-Amyl methyl ether	0.751	0.782	-4.1	109	0.00
34 t	Propionitrile	0.031	0.032	-3.2	102	0.00
35 RT	Benzene	1.232	1.294	-5.0	105	0.00
36 RT	1,2-Dichloroethane	0.404	0.425	-5.2	103	0.00
37 RT	Trichloroethene	0.273	0.282	-3.3	104	0.00
38 Rt	1,2-Dichloropropane	0.372	0.376	-1.1	101	0.00
39 t	Methacrylonitrile	0.161	0.154	4.3	103	0.00
40 t	Methyl acrylate	0.204	0.204	0.0	104	0.00
41 t	Tetrahydrofuran	0.085	0.076	10.6	103	0.00
42 t	1-Chlorobutane	0.678	0.703	-3.7	101	0.00
43 T	Dibromomethane	0.155	0.162	-4.5	99	0.00
44 T	Bromodichloromethane	0.420	0.440	-4.8	103	0.00
45 T	4-Methyl-2-Pentanone	0.239	0.257	-7.5	100	0.00
46 t	t-1,4-Dichloro-2-butene	0.069	0.078	-13.0	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.156	0.162	-3.8	100	0.00
48 t	Ethyl methacrylate	0.272	0.293	-7.7	97	0.00
49 Rt	Toluene	0.673	0.709	-5.3	98	0.00
50 T	t-1,3-Dichloropropene	0.373	0.396	-6.2	100	0.00
51 T	cis-1,3-Dichloropropene	0.447	0.460	-2.9	99	0.00
52 RT	1,1,2-Trichloroethane	0.218	0.231	-6.0	105	0.00
53 t	1,3-Dichloropropane	0.414	0.429	-3.6	100	0.00
54 t	2-Hexanone	0.165	0.180	-9.1	99	0.00
55 t	Dibromochloromethane	0.241	0.262	-8.7	104	0.00
56 T	1,2-Dibromoethane	0.193	0.201	-4.1	101	0.00
57 S	4-Bromofluorobenzene	0.379	0.343	9.5	86	0.00
58 RT	Tetrachloroethene	0.242	0.242	0.0	97	0.00
59 Rt	Chlorobenzene	0.702	0.725	-3.3	98	0.00
60 T	1,1,1,2-Tetrachloroethane	0.270	0.287	-6.3	103	0.00
61 t	Pentachloroethane	0.223	0.242	-8.5	106	0.00
62 t	Hexachloroethane	0.213	0.244	-14.6	107	0.00
63 Rt	Ethyl Benzene	1.206	1.332	-10.4	98	0.00
64 RT	m/p-Xylenes	0.452	0.528	-16.8	101	0.00
65 RT	o-Xylene	0.429	0.478	-11.4	97	0.00
66 RT	Styrene	0.753	0.886	-17.7	100	0.00
67 t	Bromoform	0.129	0.141	-9.3	103	0.00
68 S	1,2-Dichlorobenzene-d4	0.322	0.338	-5.0	95	0.00
69 T	Isopropylbenzene	1.131	1.279	-13.1	97	0.00
70 T	1,1,2,2-Tetrachloroethane	0.295	0.309	-4.7	102	0.00
71 T	1,2,3-Trichloropropane	0.227	0.218	4.0	92	0.00
72 t	Bromobenzene	0.273	0.296	-8.4	102	0.00
73 t	n-propylbenzene	0.305	0.366	-20.0	100	0.00
74 t	2-Chlorotoluene	0.278	0.319	-14.7	100	0.00
75 t	1,3,5-Trimethylbenzene	1.006	1.190	-18.3	100	0.00
76 t	4-Chlorotoluene	0.286	0.332	-16.1	100	0.00
77 t	tert-Butylbenzene	0.950	1.085	-14.2	100	0.00
78 t	1,2,4-Trimethylbenzene	1.027	1.241	-20.8	101	0.00
79 t	sec-Butylbenzene	1.304	1.533	-17.6	99	0.00
80	Nitrobenzene	0.012	0.015	-25.0	113	0.00
81 t	p-Isopropyltoluene	1.049	1.281	-22.1	100	0.00
82 t	1,3-Dichlorobenzene	0.575	0.641	-11.5	102	0.00
83 Rt	1,4-Dichlorobenzene	0.575	0.647	-12.5	102	0.00
84 t	n-Butylbenzene	1.064	1.308	-22.9	100	0.00
85 Rt	1,2-Dichlorobenzene	0.532	0.594	-11.7	102	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.045	0.050	-11.1	103	0.00
87 Rt	1,2,4-Trichlorobenzene	0.337	0.385	-14.2	100	0.00
88 t	Hexachlorobutadiene	0.223	0.250	-12.1	105	0.00
89 t	Naphthalene	0.595	0.696	-17.0	97	0.00
90 t	1,2,3-Trichlorobenzene	0.333	0.389	-16.8	102	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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