

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
 Data File : VU030013.D
 Acq On : 12 Mar 2019 18:07
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 13 06:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 13 04:21:52 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	95	0.00
2 T	Dichlorodifluoromethane	0.367	0.363	1.1	99	0.00
3 t	Chloromethane	0.416	0.397	4.6	94	0.00
4 Rt	Vinyl Chloride	0.357	0.356	0.3	98	0.00
5 T	Bromomethane	0.204	0.195	4.4	104	0.00
6 T	Chloroethane	0.206	0.206	0.0	98	0.00
7 T	Trichlorofluoromethane	0.463	0.458	1.1	99	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.252	0.249	1.2	99	0.00
9 Rt	1,1-Dichloroethene	0.250	0.250	0.0	99	0.00
10 t	Iodomethane	0.216	0.256	-18.5	98	0.00
11 t	Allyl Chloride	0.353	0.343	2.8	96	0.00
12 t	Acrylonitrile	0.054	0.053	1.9	99	0.00
13 T	Acetone	0.047	0.040	14.9	93	0.00
14 T	Carbon Disulfide	0.869	0.837	3.7	96	0.00
15 RT	Methylene Chloride	0.297	0.281	5.4	98	0.00
16 RT	trans-1,2-Dichloroethene	0.288	0.281	2.4	97	0.00
17 t	1,1-Dichloroethane	0.487	0.483	0.8	97	0.00
18 T	2-Butanone	0.065	0.067	-3.1	99	0.00
19	Cyclohexane	0.417	0.427	-2.4	96	0.00
20	Methylcyclohexane	0.461	0.481	-4.3	97	0.00
21 T	2,2-Dichloropropane	0.410	0.384	6.3	94	0.00
22 RT	cis-1,2-Dichloroethene	0.320	0.318	0.6	98	0.00
23 t	Diethyl Ether	0.186	0.186	0.0	97	0.00
24 t	tert-Butyl Alcohol	0.020	0.020	0.0	101	0.00
25 t	Methyl tert-Butyl Ether	0.630	0.633	-0.5	99	0.00
26 t	Bromochloromethane	0.140	0.139	0.7	99	0.00
27 t	Chloroform	0.512	0.494	3.5	98	0.00
28 RT	1,1,1-Trichloroethane	0.422	0.429	-1.7	98	0.00
29 T	1,1-Dichloropropene	0.384	0.383	0.3	96	0.00
30 RT	Carbon Tetrachloride	0.377	0.380	-0.8	97	0.00
31 t	Isopropyl Ether	0.685	0.704	-2.8	101	0.00
32	Ethyl-t-butyl ether	0.660	0.680	-3.0	99	0.00
33	Tert-Amyl methyl ether	0.605	0.631	-4.3	99	0.00
34 t	Propionitrile	0.018	0.021	-16.7	110	0.00
35 RT	Benzene	1.123	1.134	-1.0	98	0.00
36 RT	1,2-Dichloroethane	0.300	0.294	2.0	99	0.00
37 RT	Trichloroethene	0.323	0.322	0.3	98	0.00
38 Rt	1,2-Dichloropropane	0.286	0.286	0.0	98	0.00
39 t	Methacrylonitrile	0.079	0.081	-2.5	101	0.00
40 t	Methyl acrylate	0.125	0.134	-7.2	101	0.00
41 t	Tetrahydrofuran	0.044	0.042	4.5	100	0.00
42 t	1-Chlorobutane	0.503	0.513	-2.0	98	0.00
43 T	Dibromomethane	0.148	0.145	2.0	98	0.00
44 T	Bromodichloromethane	0.352	0.362	-2.8	100	0.00
45 T	4-Methyl-2-Pentanone	0.146	0.155	-6.2	100	0.00
46 t	t-1,4-Dichloro-2-butene	0.057	0.071	-24.6	99	0.00

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Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.124	0.136	-9.7	101	0.00
48 t	Ethyl methacrylate	0.233	0.267	-14.6	100	0.00
49 Rt	Toluene	0.677	0.716	-5.8	99	0.00
50 T	t-1,3-Dichloropropene	0.316	0.339	-7.3	98	0.00
51 T	cis-1,3-Dichloropropene	0.397	0.414	-4.3	97	0.00
52 RT	1,1,2-Trichloroethane	0.209	0.217	-3.8	102	0.00
53 t	1,3-Dichloropropane	0.349	0.356	-2.0	99	0.00
54 t	2-Hexanone	0.105	0.108	-2.9	98	0.00
55 t	Dibromochloromethane	0.251	0.265	-5.6	101	0.00
56 T	1,2-Dibromoethane	0.201	0.206	-2.5	99	0.00
57 S	4-Bromofluorobenzene	0.363	0.380	-4.7	103	0.00
58 RT	Tetrachloroethene	0.294	0.298	-1.4	98	0.00
59 Rt	Chlorobenzene	0.773	0.802	-3.8	99	0.00
60 T	1,1,1,2-Tetrachloroethane	0.273	0.281	-2.9	99	0.00
61 t	Pentachloroethane	0.211	0.214	-1.4	98	0.00
62 t	Hexachloroethane	0.212	0.225	-6.1	97	0.00
63 Rt	Ethyl Benzene	1.270	1.358	-6.9	99	0.00
64 RT	m/p-Xylenes	0.500	0.542	-8.4	98	0.00
65 RT	o-Xylene	0.490	0.522	-6.5	98	0.00
66 RT	Styrene	0.803	0.885	-10.2	98	0.00
67 t	Bromoform	0.144	0.159	-10.4	102	0.00
68 S	1,2-Dichlorobenzene-d4	0.413	0.438	-6.1	103	0.00
69 T	Isopropylbenzene	1.278	1.369	-7.1	99	0.00
70 T	1,1,2,2-Tetrachloroethane	0.257	0.267	-3.9	101	0.00
71 T	1,2,3-Trichloropropane	0.193	0.187	3.1	100	0.00
72 t	Bromobenzene	0.335	0.350	-4.5	98	0.00
73 t	n-propylbenzene	0.363	0.396	-9.1	99	0.00
74 t	2-Chlorotoluene	0.317	0.334	-5.4	98	0.00
75 t	1,3,5-Trimethylbenzene	1.089	1.175	-7.9	97	0.00
76 t	4-Chlorotoluene	0.324	0.339	-4.6	95	0.00
77 t	tert-Butylbenzene	1.066	1.150	-7.9	99	0.00
78 t	1,2,4-Trimethylbenzene	1.107	1.218	-10.0	99	0.00
79 t	sec-Butylbenzene	1.428	1.543	-8.1	98	0.00
80	Nitrobenzene	0.005	0.005	0.0	98	0.00
81 t	p-Isopropyltoluene	1.197	1.302	-8.8	97	0.00
82 t	1,3-Dichlorobenzene	0.677	0.693	-2.4	98	0.00
83 Rt	1,4-Dichlorobenzene	0.680	0.691	-1.6	97	0.00
84 t	n-Butylbenzene	1.118	1.216	-8.8	97	0.00
85 Rt	1,2-Dichlorobenzene	0.630	0.645	-2.4	98	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.037	0.040	-8.1	97	0.00
87 Rt	1,2,4-Trichlorobenzene	0.455	0.475	-4.4	97	0.00
88 t	Hexachlorobutadiene	0.246	0.255	-3.7	99	0.00
89 t	Naphthalene	0.712	0.819	-15.0	97	0.00
90 t	1,2,3-Trichlorobenzene	0.412	0.435	-5.6	98	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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