

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103019\
 Data File : VU035549.D
 Acq On : 30 Oct 2019 08:17
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 31 01:17:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 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	97	0.00
2 T	Dichlorodifluoromethane	0.392	0.366	6.6	97	0.00
3 t	Chloromethane	0.480	0.395	17.7	90	0.00
4 Rt	Vinyl Chloride	0.425	0.402	5.4	96	0.00
5 T	Bromomethane	0.216	0.214	0.9	103	0.00
6 T	Chloroethane	0.244	0.228	6.6	96	0.00
7 T	Trichlorofluoromethane	0.525	0.502	4.4	99	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.285	0.271	4.9	101	0.00
9 Rt	1,1-Dichloroethene	0.275	0.256	6.9	98	0.00
10 t	Iodomethane	0.134	0.205	-53.0#	100	0.00
11 t	Allyl Chloride	0.462	0.438	5.2	99	0.00
12 t	Acrylonitrile	0.069	0.066	4.3	102	0.00
13 T	Acetone	0.067	0.063	6.0	110	0.00
14 T	Carbon Disulfide	0.972	0.900	7.4	97	0.00
15 RT	Methylene Chloride	0.353	0.307	13.0	99	0.00
16 RT	trans-1,2-Dichloroethene	0.302	0.282	6.6	99	0.00
17 t	1,1-Dichloroethane	0.566	0.541	4.4	100	0.00
18 T	2-Butanone	0.087	0.087	0.0	103	0.00
19	Cyclohexane	0.449	0.452	-0.7	97	0.00
20	Methylcyclohexane	0.460	0.471	-2.4	98	0.00
21 T	2,2-Dichloropropane	0.489	0.463	5.3	102	0.00
22 RT	cis-1,2-Dichloroethene	0.323	0.317	1.9	97	0.00
23 t	Diethyl Ether	0.227	0.219	3.5	100	0.00
24 t	tert-Butyl Alcohol	0.025	0.023	8.0	98	0.00
25 t	Methyl tert-Butyl Ether	0.737	0.711	3.5	101	0.00
26 t	Bromochloromethane	0.144	0.138	4.2	101	0.00
27 t	Chloroform	0.605	0.540	10.7	100	0.00
28 RT	1,1,1-Trichloroethane	0.479	0.452	5.6	99	0.00
29 T	1,1-Dichloropropene	0.402	0.409	-1.7	101	0.00
30 RT	Carbon Tetrachloride	0.426	0.410	3.8	100	0.00
31 t	Isopropyl Ether	0.791	0.791	0.0	98	0.00
32	Ethyl-t-butyl ether	0.732	0.751	-2.6	99	0.00
33	Tert-Amyl methyl ether	0.630	0.659	-4.6	99	0.00
34 t	Propionitrile	0.025	0.024	4.0	100	0.00
35 RT	Benzene	1.226	1.195	2.5	99	0.00
36 RT	1,2-Dichloroethane	0.351	0.333	5.1	101	0.00
37 RT	Trichloroethene	0.341	0.327	4.1	99	0.00
38 Rt	1,2-Dichloropropane	0.336	0.323	3.9	100	0.00
39 t	Methacrylonitrile	0.094	0.094	0.0	96	0.00
40 t	Methyl acrylate	0.144	0.159	-10.4	100	0.00
41 t	Tetrahydrofuran	0.049	0.048	2.0	96	0.00
42 t	1-Chlorobutane	0.553	0.559	-1.1	98	0.00
43 T	Dibromomethane	0.168	0.160	4.8	98	0.00
44 T	Bromodichloromethane	0.419	0.396	5.5	99	0.00
45 T	4-Methyl-2-Pentanone	0.179	0.188	-5.0	100	0.00
46 t	t-1,4-Dichloro-2-butene	0.065	0.076	-16.9	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.139	0.145	-4.3	99	0.00
48 t	Ethyl methacrylate	0.243	0.267	-9.9	97	0.00
49 Rt	Toluene	0.705	0.743	-5.4	100	0.00
50 T	t-1,3-Dichloropropene	0.371	0.380	-2.4	98	0.00
51 T	cis-1,3-Dichloropropene	0.440	0.443	-0.7	99	0.00
52 RT	1,1,2-Trichloroethane	0.235	0.227	3.4	102	0.00
53 t	1,3-Dichloropropane	0.399	0.401	-0.5	102	0.00
54 t	2-Hexanone	0.127	0.138	-8.7	102	0.00
55 t	Dibromochloromethane	0.287	0.285	0.7	100	0.00
56 T	1,2-Dibromoethane	0.215	0.221	-2.8	102	0.00
57 S	4-Bromofluorobenzene	0.360	0.435	-20.8	112	0.00
58 RT	Tetrachloroethene	0.312	0.309	1.0	101	0.00
59 Rt	Chlorobenzene	0.813	0.840	-3.3	101	0.00
60 T	1,1,1,2-Tetrachloroethane	0.313	0.304	2.9	101	0.00
61 t	Pentachloroethane	0.255	0.246	3.5	101	0.00
62 t	Hexachloroethane	0.233	0.227	2.6	99	0.00
63 Rt	Ethyl Benzene	1.263	1.394	-10.4	99	0.00
64 RT	m/p-Xylenes	0.499	0.561	-12.4	100	0.00
65 RT	o-Xylene	0.482	0.530	-10.0	100	0.00
66 RT	Styrene	0.798	0.912	-14.3	99	0.00
67 t	Bromoform	0.178	0.182	-2.2	101	0.00
68 S	1,2-Dichlorobenzene-d4	0.383	0.397	-3.7	98	0.00
69 T	Isopropylbenzene	1.256	1.373	-9.3	98	0.00
70 T	1,1,2,2-Tetrachloroethane	0.314	0.304	3.2	100	0.00
71 T	1,2,3-Trichloropropane	0.236	0.220	6.8	97	0.00
72 t	Bromobenzene	0.350	0.357	-2.0	99	0.00
73 t	n-propylbenzene	0.351	0.400	-14.0	99	0.00
74 t	2-Chlorotoluene	0.329	0.352	-7.0	100	0.00
75 t	1,3,5-Trimethylbenzene	1.035	1.160	-12.1	98	0.00
76 t	4-Chlorotoluene	0.334	0.365	-9.3	98	0.00
77 t	tert-Butylbenzene	1.062	1.156	-8.9	98	0.00
78 t	1,2,4-Trimethylbenzene	1.048	1.176	-12.2	97	0.00
79 t	sec-Butylbenzene	1.358	1.494	-10.0	97	0.00
80	Nitrobenzene	0.011	0.005	54.5#	82	0.00
81 t	p-Isopropyltoluene	1.087	1.231	-13.2	97	0.00
82 t	1,3-Dichlorobenzene	0.667	0.687	-3.0	98	0.00
83 Rt	1,4-Dichlorobenzene	0.639	0.678	-6.1	97	0.00
84 t	n-Butylbenzene	0.892	1.010	-13.2	92	0.00
85 Rt	1,2-Dichlorobenzene	0.628	0.641	-2.1	97	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.040	0.041	-2.5	98	0.00
87 Rt	1,2,4-Trichlorobenzene	0.226	0.261	-15.5	86	0.00
88 t	Hexachlorobutadiene	0.234	0.209	10.7	91	0.00
89 t	Naphthalene	0.308	0.379	-23.1	77	0.00
90 t	1,2,3-Trichlorobenzene	0.230	0.263	-14.3	86	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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