

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041619\
 Data File : VU031205.D
 Acq On : 16 Apr 2019 09:54
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 17 03:07:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:55:56 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	102	0.00
2 T	Dichlorodifluoromethane	0.432	0.432	0.0	105	0.00
3 t	Chloromethane	0.456	0.452	0.9	106	0.00
4 Rt	Vinyl Chloride	0.446	0.440	1.3	107	0.00
5 T	Bromomethane	0.261	0.271	-3.8	110	0.00
6 T	Chloroethane	0.308	0.299	2.9	106	0.00
7 T	Trichlorofluoromethane	0.650	0.644	0.9	107	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.324	0.339	-4.6	112	0.00
9 Rt	1,1-Dichloroethene	0.323	0.323	0.0	107	0.00
10 t	Iodomethane	0.437	0.500	-14.4	114	0.00
11 t	Allyl Chloride	0.635	0.689	-8.5	112	0.00
12 t	Acrylonitrile	0.095	0.092	3.2	101	0.00
13 T	Acetone	0.084	0.081	3.6	116	0.00
14 T	Carbon Disulfide	1.194	1.259	-5.4	112	0.00
15 RT	Methylene Chloride	0.417	0.378	9.4	102	0.00
16 RT	trans-1,2-Dichloroethene	0.357	0.360	-0.8	107	0.00
17 t	1,1-Dichloroethane	0.565	0.596	-5.5	119	0.00
18 T	2-Butanone	0.088	0.102	-15.9	117	0.00
19	Cyclohexane	0.398	0.454	-14.1	117	0.00
20	Methylcyclohexane	0.403	0.492	-22.1	114	0.00
21 T	2,2-Dichloropropane	0.438	0.503	-14.8	125	0.00
22 RT	cis-1,2-Dichloroethene	0.311	0.342	-10.0	116	0.00
23 t	Diethyl Ether	0.302	0.311	-3.0	107	0.00
24 t	tert-Butyl Alcohol	0.032	0.030	6.3	96	-0.01
25 t	Methyl tert-Butyl Ether	0.943	0.943	0.0	103	0.00
26 t	Bromochloromethane	0.142	0.150	-5.6	114	0.00
27 t	Chloroform	0.559	0.581	-3.9	114	0.00
28 RT	1,1,1-Trichloroethane	0.475	0.496	-4.4	114	0.00
29 T	1,1-Dichloropropene	0.399	0.445	-11.5	115	0.00
30 RT	Carbon Tetrachloride	0.420	0.440	-4.8	113	0.00
31 t	Isopropyl Ether	0.829	0.900	-8.6	119	0.00
32	Ethyl-t-butyl ether	0.703	0.796	-13.2	117	0.00
33	Tert-Amyl methyl ether	0.615	0.707	-15.0	105	0.00
34 t	Propionitrile	0.024	0.028	-16.7	115	0.00
35 RT	Benzene	1.186	1.276	-7.6	107	0.00
36 RT	1,2-Dichloroethane	0.377	0.385	-2.1	105	0.00
37 RT	Trichloroethene	0.333	0.338	-1.5	109	0.00
38 Rt	1,2-Dichloropropane	0.316	0.338	-7.0	106	0.00
39 t	Methacrylonitrile	0.109	0.126	-15.6	117	0.00
40 t	Methyl acrylate	0.140	0.182	-30.0	113	0.00
41 t	Tetrahydrofuran	0.056	0.062	-10.7	112	0.00
42 t	1-Chlorobutane	0.568	0.639	-12.5	112	0.00
43 T	Dibromomethane	0.170	0.180	-5.9	108	0.00
44 T	Bromodichloromethane	0.410	0.424	-3.4	105	0.00
45 T	4-Methyl-2-Pentanone	0.200	0.234	-17.0	105	0.00
46 t	t-1,4-Dichloro-2-butene	0.076	0.086	-13.2	107	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.143	0.170	-18.9	105	0.00
48 t	Ethyl methacrylate	0.256	0.323	-26.2	106	0.00
49 Rt	Toluene	0.651	0.758	-16.4	108	0.00
50 T	t-1,3-Dichloropropene	0.349	0.408	-16.9	109	0.00
51 T	cis-1,3-Dichloropropene	0.413	0.474	-14.8	110	0.00
52 RT	1,1,2-Trichloroethane	0.229	0.246	-7.4	109	0.00
53 t	1,3-Dichloropropane	0.389	0.418	-7.5	105	0.00
54 t	2-Hexanone	0.135	0.165	-22.2	109	0.00
55 t	Dibromochloromethane	0.272	0.290	-6.6	107	0.00
56 T	1,2-Dibromoethane	0.213	0.219	-2.8	102	0.00
57 S	4-Bromofluorobenzene	0.365	0.463	-26.8	119	0.00
58 RT	Tetrachloroethene	0.283	0.312	-10.2	109	0.00
59 Rt	Chlorobenzene	0.723	0.804	-11.2	108	0.00
60 T	1,1,1,2-Tetrachloroethane	0.271	0.289	-6.6	107	0.00
61 t	Pentachloroethane	0.211	0.216	-2.4	105	0.00
62 t	Hexachloroethane	0.204	0.221	-8.3	109	0.00
63 Rt	Ethyl Benzene	1.154	1.403	-21.6	109	0.00
64 RT	m/p-Xylenes	0.439	0.543	-23.7	107	0.00
65 RT	o-Xylene	0.420	0.502	-19.5	108	0.00
66 RT	Styrene	0.712	0.889	-24.9	107	0.00
67 t	Bromoform	0.157	0.174	-10.8	108	0.00
68 S	1,2-Dichlorobenzene-d4	0.366	0.390	-6.6	107	0.00
69 T	Isopropylbenzene	1.127	1.359	-20.6	109	0.00
70 T	1,1,2,2-Tetrachloroethane	0.297	0.296	0.3	102	0.00
71 T	1,2,3-Trichloropropane	0.215	0.230	-7.0	105	0.00
72 t	Bromobenzene	0.298	0.334	-12.1	106	0.00
73 t	n-propylbenzene	0.301	0.375	-24.6	108	0.00
74 t	2-Chlorotoluene	0.278	0.326	-17.3	105	0.00
75 t	1,3,5-Trimethylbenzene	0.954	1.166	-22.2	107	0.00
76 t	4-Chlorotoluene	0.280	0.338	-20.7	108	0.00
77 t	tert-Butylbenzene	0.933	1.103	-18.2	107	0.00
78 t	1,2,4-Trimethylbenzene	0.962	1.205	-25.3	108	0.00
79 t	sec-Butylbenzene	1.256	1.507	-20.0	108	0.00
80	Nitrobenzene	0.010	0.011	-10.0	99	0.00
81 t	p-Isopropyltoluene	1.009	1.246	-23.5	109	0.00
82 t	1,3-Dichlorobenzene	0.589	0.649	-10.2	106	0.00
83 Rt	1,4-Dichlorobenzene	0.570	0.638	-11.9	103	0.00
84 t	n-Butylbenzene	0.975	1.237	-26.9	111	0.00
85 Rt	1,2-Dichlorobenzene	0.552	0.600	-8.7	105	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.043	0.047	-9.3	97	0.00
87 Rt	1,2,4-Trichlorobenzene	0.338	0.423	-25.1	111	0.00
88 t	Hexachlorobutadiene	0.225	0.241	-7.1	109	0.00
89 t	Naphthalene	0.570	0.745	-30.7#	103	0.00
90 t	1,2,3-Trichlorobenzene	0.338	0.409	-21.0	109	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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