

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041619\
 Data File : VU031211.D
 Acq On : 16 Apr 2019 13:31
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 17 03:50:53 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	0.409	5.3	100	0.00
3 t	Chloromethane	0.456	0.420	7.9	98	0.00
4 Rt	Vinyl Chloride	0.446	0.421	5.6	102	0.00
5 T	Bromomethane	0.261	0.286	-9.6	115	0.00
6 T	Chloroethane	0.308	0.276	10.4	98	0.00
7 T	Trichlorofluoromethane	0.650	0.610	6.2	102	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.324	0.322	0.6	106	0.00
9 Rt	1,1-Dichloroethene	0.323	0.314	2.8	104	0.00
10 t	Iodomethane	0.437	0.409	6.4	93	0.00
11 t	Allyl Chloride	0.635	0.623	1.9	101	0.00
12 t	Acrylonitrile	0.095	0.091	4.2	98	0.00
13 T	Acetone	0.084	0.081	3.6	116	0.00
14 T	Carbon Disulfide	1.194	1.172	1.8	104	0.00
15 RT	Methylene Chloride	0.417	0.362	13.2	98	0.00
16 RT	trans-1,2-Dichloroethene	0.357	0.344	3.6	102	0.00
17 t	1,1-Dichloroethane	0.565	0.515	8.8	102	0.00
18 T	2-Butanone	0.088	0.092	-4.5	105	0.00
19	Cyclohexane	0.398	0.427	-7.3	110	0.00
20	Methylcyclohexane	0.403	0.464	-15.1	108	0.00
21 T	2,2-Dichloropropane	0.438	0.453	-3.4	113	0.00
22 RT	cis-1,2-Dichloroethene	0.311	0.307	1.3	104	0.00
23 t	Diethyl Ether	0.302	0.291	3.6	100	0.00
24 t	tert-Butyl Alcohol	0.032	0.031	3.1	99	-0.02
25 t	Methyl tert-Butyl Ether	0.943	0.902	4.3	98	0.00
26 t	Bromochloromethane	0.142	0.143	-0.7	108	0.00
27 t	Chloroform	0.559	0.545	2.5	107	0.00
28 RT	1,1,1-Trichloroethane	0.475	0.466	1.9	107	0.00
29 T	1,1-Dichloropropene	0.399	0.423	-6.0	109	0.00
30 RT	Carbon Tetrachloride	0.420	0.414	1.4	106	0.00
31 t	Isopropyl Ether	0.829	0.795	4.1	105	0.00
32	Ethyl-t-butyl ether	0.703	0.710	-1.0	104	0.00
33	Tert-Amyl methyl ether	0.615	0.664	-8.0	99	0.00
34 t	Propionitrile	0.024	0.025	-4.2	104	0.00
35 RT	Benzene	1.186	1.195	-0.8	100	0.00
36 RT	1,2-Dichloroethane	0.377	0.371	1.6	101	0.00
37 RT	Trichloroethene	0.333	0.313	6.0	101	0.00
38 Rt	1,2-Dichloropropane	0.316	0.316	0.0	99	0.00
39 t	Methacrylonitrile	0.109	0.116	-6.4	107	0.00
40 t	Methyl acrylate	0.140	0.169	-20.7	105	0.00
41 t	Tetrahydrofuran	0.056	0.063	-12.5	112	0.00
42 t	1-Chlorobutane	0.568	0.610	-7.4	107	0.00
43 T	Dibromomethane	0.170	0.165	2.9	99	0.00
44 T	Bromodichloromethane	0.410	0.406	1.0	100	0.00
45 T	4-Methyl-2-Pentanone	0.200	0.218	-9.0	98	0.00
46 t	t-1,4-Dichloro-2-butene	0.076	0.081	-6.6	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.143	0.164	-14.7	101	0.00
48 t	Ethyl methacrylate	0.256	0.301	-17.6	99	0.00
49 Rt	Toluene	0.651	0.708	-8.8	101	0.00
50 T	t-1,3-Dichloropropene	0.349	0.386	-10.6	103	0.00
51 T	cis-1,3-Dichloropropene	0.413	0.450	-9.0	104	0.00
52 RT	1,1,2-Trichloroethane	0.229	0.229	0.0	101	0.00
53 t	1,3-Dichloropropane	0.389	0.397	-2.1	99	0.00
54 t	2-Hexanone	0.135	0.157	-16.3	103	0.00
55 t	Dibromochloromethane	0.272	0.275	-1.1	101	0.00
56 T	1,2-Dibromoethane	0.213	0.212	0.5	99	0.00
57 S	4-Bromofluorobenzene	0.365	0.355	2.7	91	0.00
58 RT	Tetrachloroethene	0.283	0.291	-2.8	102	0.00
59 Rt	Chlorobenzene	0.723	0.753	-4.1	101	0.00
60 T	1,1,1,2-Tetrachloroethane	0.271	0.269	0.7	100	0.00
61 t	Pentachloroethane	0.211	0.206	2.4	100	0.00
62 t	Hexachloroethane	0.204	0.201	1.5	99	0.00
63 Rt	Ethyl Benzene	1.154	1.321	-14.5	102	0.00
64 RT	m/p-Xylenes	0.439	0.507	-15.5	100	0.00
65 RT	o-Xylene	0.420	0.482	-14.8	103	0.00
66 RT	Styrene	0.712	0.855	-20.1	103	0.00
67 t	Bromoform	0.157	0.160	-1.9	99	0.00
68 S	1,2-Dichlorobenzene-d4	0.366	0.373	-1.9	102	0.00
69 T	Isopropylbenzene	1.127	1.294	-14.8	103	0.00
70 T	1,1,2,2-Tetrachloroethane	0.297	0.282	5.1	97	0.00
71 T	1,2,3-Trichloropropane	0.215	0.219	-1.9	100	0.00
72 t	Bromobenzene	0.298	0.312	-4.7	99	0.00
73 t	n-propylbenzene	0.301	0.360	-19.6	104	0.00
74 t	2-Chlorotoluene	0.278	0.309	-11.2	99	0.00
75 t	1,3,5-Trimethylbenzene	0.954	1.108	-16.1	102	0.00
76 t	4-Chlorotoluene	0.280	0.319	-13.9	102	0.00
77 t	tert-Butylbenzene	0.933	1.039	-11.4	101	0.00
78 t	1,2,4-Trimethylbenzene	0.962	1.123	-16.7	100	0.00
79 t	sec-Butylbenzene	1.256	1.413	-12.5	101	0.00
80	Nitrobenzene	0.010	0.011	-10.0	96	0.00
81 t	p-Isopropyltoluene	1.009	1.186	-17.5	103	0.00
82 t	1,3-Dichlorobenzene	0.589	0.620	-5.3	102	0.00
83 Rt	1,4-Dichlorobenzene	0.570	0.621	-8.9	100	0.00
84 t	n-Butylbenzene	0.975	1.170	-20.0	105	0.00
85 Rt	1,2-Dichlorobenzene	0.552	0.587	-6.3	102	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.043	0.048	-11.6	98	0.00
87 Rt	1,2,4-Trichlorobenzene	0.338	0.385	-13.9	101	0.00
88 t	Hexachlorobutadiene	0.225	0.234	-4.0	106	0.00
89 t	Naphthalene	0.570	0.703	-23.3	98	0.00
90 t	1,2,3-Trichlorobenzene	0.338	0.379	-12.1	101	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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