

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072319\
 Data File : VU033368.D
 Acq On : 23 Jul 2019 08:54
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 24 02:33:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jul 23 03:43:51 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	98	0.00
2 T	Dichlorodifluoromethane	0.414	0.414	0.0	103	0.00
3 t	Chloromethane	0.456	0.408	10.5	94	0.00
4 Rt	Vinyl Chloride	0.509	0.473	7.1	97	0.00
5 T	Bromomethane	0.321	0.293	8.7	98	0.00
6 T	Chloroethane	0.358	0.296	17.3	80	0.00
7 T	Trichlorofluoromethane	0.699	0.661	5.4	99	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.361	0.344	4.7	101	0.00
9 Rt	1,1-Dichloroethene	0.355	0.336	5.4	99	0.00
10 t	Iodomethane	0.478	0.439	8.2	90	0.00
11 t	Allyl Chloride	0.586	0.536	8.5	95	0.00
12 t	Acrylonitrile	0.099	0.080	19.2	88	0.00
13 T	Acetone	0.085	0.080	5.9	109	-0.02
14 T	Carbon Disulfide	1.350	1.254	7.1	98	0.00
15 RT	Methylene Chloride	0.479	0.397	17.1	97	0.00
16 RT	trans-1,2-Dichloroethene	0.422	0.378	10.4	96	0.00
17 t	1,1-Dichloroethane	0.566	0.562	0.7	106	0.00
18 T	2-Butanone	0.081	0.083	-2.5	99	-0.01
19	Cyclohexane	0.416	0.455	-9.4	104	0.00
20	Methylcyclohexane	0.418	0.494	-18.2	108	0.00
21 T	2,2-Dichloropropane	0.480	0.500	-4.2	116	0.00
22 RT	cis-1,2-Dichloroethene	0.320	0.322	-0.6	101	0.00
23 t	Diethyl Ether	0.306	0.275	10.1	92	0.00
24 t	tert-Butyl Alcohol	0.047	0.030	36.2#	78	-0.05
25 t	Methyl tert-Butyl Ether	1.023	0.912	10.9	91	0.00
26 t	Bromochloromethane	0.141	0.133	5.7	97	0.00
27 t	Chloroform	0.647	0.576	11.0	101	0.00
28 RT	1,1,1-Trichloroethane	0.501	0.489	2.4	100	0.00
29 T	1,1-Dichloropropene	0.413	0.434	-5.1	103	0.00
30 RT	Carbon Tetrachloride	0.441	0.444	-0.7	103	0.00
31 t	Isopropyl Ether	0.716	0.735	-2.7	103	0.00
32	Ethyl-t-butyl ether	0.688	0.717	-4.2	102	0.00
33	Tert-Amyl methyl ether	0.619	0.662	-6.9	98	0.00
34 t	Propionitrile	0.023	0.022	4.3	84	-0.02
35 RT	Benzene	1.194	1.232	-3.2	102	0.00
36 RT	1,2-Dichloroethane	0.397	0.379	4.5	97	0.00
37 RT	Trichloroethene	0.315	0.327	-3.8	104	0.00
38 Rt	1,2-Dichloropropane	0.329	0.325	1.2	99	0.00
39 t	Methacrylonitrile	0.092	0.090	2.2	93	0.00
40 t	Methyl acrylate	0.143	0.152	-6.3	96	0.00
41 t	Tetrahydrofuran	0.046	0.045	2.2	88	0.00
42 t	1-Chlorobutane	0.554	0.568	-2.5	99	0.00
43 T	Dibromomethane	0.182	0.176	3.3	98	0.00
44 T	Bromodichloromethane	0.440	0.425	3.4	99	0.00
45 T	4-Methyl-2-Pentanone	0.186	0.188	-1.1	92	0.00
46 t	t-1,4-Dichloro-2-butene	0.075	0.088	-17.3	101	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.139	0.145	-4.3	92	0.00
48 t	Ethyl methacrylate	0.245	0.270	-10.2	97	0.00
49 Rt	Toluene	0.684	0.774	-13.2	103	0.00
50 T	t-1,3-Dichloropropene	0.367	0.394	-7.4	102	0.00
51 T	cis-1,3-Dichloropropene	0.433	0.464	-7.2	105	0.00
52 RT	1,1,2-Trichloroethane	0.244	0.229	6.1	94	0.00
53 t	1,3-Dichloropropane	0.412	0.411	0.2	99	0.00
54 t	2-Hexanone	0.131	0.140	-6.9	96	0.00
55 t	Dibromochloromethane	0.285	0.289	-1.4	99	0.00
56 T	1,2-Dibromoethane	0.227	0.219	3.5	95	0.00
57 S	4-Bromofluorobenzene	0.392	0.453	-15.6	106	0.00
58 RT	Tetrachloroethene	0.286	0.304	-6.3	105	0.00
59 Rt	Chlorobenzene	0.784	0.856	-9.2	105	0.00
60 T	1,1,1,2-Tetrachloroethane	0.298	0.306	-2.7	105	0.00
61 t	Pentachloroethane	0.244	0.245	-0.4	104	0.00
62 t	Hexachloroethane	0.236	0.248	-5.1	105	0.00
63 Rt	Ethyl Benzene	1.259	1.489	-18.3	105	0.00
64 RT	m/p-Xylenes	0.504	0.601	-19.2	106	0.00
65 RT	o-Xylene	0.482	0.563	-16.8	104	0.00
66 RT	Styrene	0.818	0.972	-18.8	102	0.00
67 t	Bromoform	0.154	0.162	-5.2	100	0.00
68 S	1,2-Dichlorobenzene-d4	0.405	0.410	-1.2	99	0.00
69 T	Isopropylbenzene	1.237	1.465	-18.4	105	0.00
70 T	1,1,2,2-Tetrachloroethane	0.323	0.307	5.0	96	0.00
71 T	1,2,3-Trichloropropane	0.249	0.211	15.3	89	0.00
72 t	Bromobenzene	0.327	0.357	-9.2	103	0.00
73 t	n-propylbenzene	0.353	0.431	-22.1	106	0.00
74 t	2-Chlorotoluene	0.322	0.374	-16.1	105	0.00
75 t	1,3,5-Trimethylbenzene	1.111	1.343	-20.9	104	0.00
76 t	4-Chlorotoluene	0.335	0.397	-18.5	106	0.00
77 t	tert-Butylbenzene	1.053	1.229	-16.7	106	0.00
78 t	1,2,4-Trimethylbenzene	1.135	1.394	-22.8	105	0.00
79 t	sec-Butylbenzene	1.449	1.721	-18.8	105	0.00
80	Nitrobenzene	0.013	0.010	23.1	92	0.00
81 t	p-Isopropyltoluene	1.178	1.446	-22.8	105	0.00
82 t	1,3-Dichlorobenzene	0.695	0.746	-7.3	104	0.00
83 Rt	1,4-Dichlorobenzene	0.687	0.763	-11.1	105	0.00
84 t	n-Butylbenzene	1.205	1.479	-22.7	108	0.00
85 Rt	1,2-Dichlorobenzene	0.651	0.689	-5.8	102	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.051	0.050	2.0	95	0.00
87 Rt	1,2,4-Trichlorobenzene	0.388	0.457	-17.8	105	0.00
88 t	Hexachlorobutadiene	0.239	0.260	-8.8	111	0.00
89 t	Naphthalene	0.675	0.803	-19.0	94	0.00
90 t	1,2,3-Trichlorobenzene	0.376	0.427	-13.6	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			