

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072419\
 Data File : VU033386.D
 Acq On : 24 Jul 2019 11:01
 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 25 07:52:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 24 03:53:19 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	94	0.00
2 T	Dichlorodifluoromethane	0.414	0.424	-2.4	101	0.00
3 t	Chloromethane	0.456	0.405	11.2	90	0.00
4 Rt	Vinyl Chloride	0.509	0.472	7.3	92	0.00
5 T	Bromomethane	0.321	0.296	7.8	96	0.00
6 T	Chloroethane	0.358	0.301	15.9	78	0.00
7 T	Trichlorofluoromethane	0.699	0.683	2.3	98	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.361	0.354	1.9	100	0.00
9 Rt	1,1-Dichloroethene	0.355	0.339	4.5	96	0.00
10 t	Iodomethane	0.478	0.370	22.6	73	0.00
11 t	Allyl Chloride	0.586	0.532	9.2	91	0.00
12 t	Acrylonitrile	0.099	0.079	20.2	83	0.00
13 T	Acetone	0.085	0.082	3.5	106	-0.02
14 T	Carbon Disulfide	1.350	1.229	9.0	93	0.00
15 RT	Methylene Chloride	0.479	0.404	15.7	94	0.00
16 RT	trans-1,2-Dichloroethene	0.422	0.381	9.7	93	0.00
17 t	1,1-Dichloroethane	0.566	0.714	-26.1	129	0.00
18 T	2-Butanone	0.081	0.085	-4.9	96	-0.01
19	Cyclohexane	0.416	0.449	-7.9	98	0.00
20	Methylcyclohexane	0.418	0.477	-14.1	100	0.00
21 T	2,2-Dichloropropane	0.480	0.504	-5.0	112	0.00
22 RT	cis-1,2-Dichloroethene	0.320	0.320	0.0	97	0.00
23 t	Diethyl Ether	0.306	0.274	10.5	87	0.00
24 t	tert-Butyl Alcohol	0.047	0.029	38.3#	72	-0.05
25 t	Methyl tert-Butyl Ether	1.023	0.894	12.6	86	0.00
26 t	Bromochloromethane	0.141	0.138	2.1	97	0.00
27 t	Chloroform	0.647	0.591	8.7	100	0.00
28 RT	1,1,1-Trichloroethane	0.501	0.508	-1.4	100	0.00
29 T	1,1-Dichloropropene	0.413	0.435	-5.3	99	0.00
30 RT	Carbon Tetrachloride	0.441	0.449	-1.8	100	0.00
31 t	Isopropyl Ether	0.716	0.728	-1.7	98	0.00
32	Ethyl-t-butyl ether	0.688	0.702	-2.0	96	0.00
33	Tert-Amyl methyl ether	0.619	0.644	-4.0	91	0.00
34 t	Propionitrile	0.023	0.022	4.3	83	-0.02
35 RT	Benzene	1.194	1.245	-4.3	99	0.00
36 RT	1,2-Dichloroethane	0.397	0.392	1.3	96	0.00
37 RT	Trichloroethene	0.315	0.322	-2.2	98	0.00
38 Rt	1,2-Dichloropropane	0.329	0.338	-2.7	99	0.00
39 t	Methacrylonitrile	0.092	0.086	6.5	86	0.00
40 t	Methyl acrylate	0.143	0.142	0.7	86	0.00
41 t	Tetrahydrofuran	0.046	0.044	4.3	83	-0.01
42 t	1-Chlorobutane	0.554	0.581	-4.9	97	0.00
43 T	Dibromomethane	0.182	0.174	4.4	92	0.00
44 T	Bromodichloromethane	0.440	0.440	0.0	99	0.00
45 T	4-Methyl-2-Pentanone	0.186	0.187	-0.5	87	0.00
46 t	t-1,4-Dichloro-2-butene	0.075	0.072	4.0	80	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.139	0.146	-5.0	89	0.00
48 t	Ethyl methacrylate	0.245	0.263	-7.3	91	0.00
49 Rt	Toluene	0.684	0.794	-16.1	102	0.00
50 T	t-1,3-Dichloropropene	0.367	0.393	-7.1	97	0.00
51 T	cis-1,3-Dichloropropene	0.433	0.449	-3.7	97	0.00
52 RT	1,1,2-Trichloroethane	0.244	0.240	1.6	94	0.00
53 t	1,3-Dichloropropane	0.412	0.417	-1.2	96	0.00
54 t	2-Hexanone	0.131	0.140	-6.9	92	0.00
55 t	Dibromochloromethane	0.285	0.294	-3.2	97	0.00
56 T	1,2-Dibromoethane	0.227	0.222	2.2	92	0.00
57 S	4-Bromofluorobenzene	0.392	0.502	-28.1	113	0.00
58 RT	Tetrachloroethene	0.286	0.316	-10.5	105	0.00
59 Rt	Chlorobenzene	0.784	0.869	-10.8	102	0.00
60 T	1,1,1,2-Tetrachloroethane	0.298	0.313	-5.0	103	0.00
61 t	Pentachloroethane	0.244	0.261	-7.0	106	0.00
62 t	Hexachloroethane	0.236	0.258	-9.3	104	0.00
63 Rt	Ethyl Benzene	1.259	1.500	-19.1	101	0.00
64 RT	m/p-Xylenes	0.504	0.625	-24.0	106	0.00
65 RT	o-Xylene	0.482	0.575	-19.3	102	0.00
66 RT	Styrene	0.818	1.019	-24.6	102	0.00
67 t	Bromoform	0.154	0.164	-6.5	97	0.00
68 S	1,2-Dichlorobenzene-d4	0.405	0.423	-4.4	98	0.00
69 T	Isopropylbenzene	1.237	1.498	-21.1	103	0.00
70 T	1,1,2,2-Tetrachloroethane	0.323	0.317	1.9	95	0.00
71 T	1,2,3-Trichloropropane	0.249	0.243	2.4	98	0.00
72 t	Bromobenzene	0.327	0.365	-11.6	101	0.00
73 t	n-propylbenzene	0.353	0.446	-26.3	106	0.00
74 t	2-Chlorotoluene	0.322	0.394	-22.4	106	0.00
75 t	1,3,5-Trimethylbenzene	1.111	1.419	-27.7	105	0.00
76 t	4-Chlorotoluene	0.335	0.416	-24.2	107	0.00
77 t	tert-Butylbenzene	1.053	1.267	-20.3	105	0.00
78 t	1,2,4-Trimethylbenzene	1.135	1.465	-29.1	106	0.00
79 t	sec-Butylbenzene	1.449	1.795	-23.9	105	0.00
80	Nitrobenzene	0.013	0.009	30.8#	80	0.00
81 t	p-Isopropyltoluene	1.178	1.513	-28.4	106	0.00
82 t	1,3-Dichlorobenzene	0.695	0.788	-13.4	105	0.00
83 Rt	1,4-Dichlorobenzene	0.687	0.797	-16.0	105	0.00
84 t	n-Butylbenzene	1.205	1.534	-27.3	108	0.00
85 Rt	1,2-Dichlorobenzene	0.651	0.726	-11.5	104	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.051	0.051	0.0	93	0.00
87 Rt	1,2,4-Trichlorobenzene	0.388	0.453	-16.8	100	0.00
88 t	Hexachlorobutadiene	0.239	0.271	-13.4	110	0.00
89 t	Naphthalene	0.675	0.778	-15.3	87	0.00
90 t	1,2,3-Trichlorobenzene	0.376	0.429	-14.1	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			