

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082018\
 Data File : VU026219.D
 Acq On : 20 Aug 2018 19:58
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 21 08:53:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 2018
 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	96	0.00
2 T	Dichlorodifluoromethane	0.389	0.371	4.6	95	0.00
3 t	Chloromethane	0.332	0.308	7.2	94	0.00
4 Rt	Vinyl Chloride	0.332	0.316	4.8	95	0.00
5 T	Bromomethane	0.183	0.196	-7.1	105	0.00
6 T	Chloroethane	0.199	0.184	7.5	94	0.00
7 T	Trichlorofluoromethane	0.491	0.460	6.3	94	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.272	0.252	7.4	92	0.00
9 Rt	1,1-Dichloroethene	0.232	0.214	7.8	93	0.00
10 t	Iodomethane	0.326	0.336	-3.1	89	0.00
11 t	Allyl Chloride	0.391	0.372	4.9	94	0.00
12 t	Acrylonitrile	0.053	0.049	7.5	96	0.00
13 T	Acetone	0.049	0.040	18.4	93	0.00
14 T	Carbon Disulfide	0.803	0.750	6.6	94	0.00
15 RT	Methylene Chloride	0.305	0.247	19.0	96	0.00
16 RT	trans-1,2-Dichloroethene	0.269	0.247	8.2	96	0.00
17 t	1,1-Dichloroethane	0.492	0.466	5.3	96	0.00
18 T	2-Butanone	0.075	0.073	2.7	94	0.00
19	Cyclohexane	0.361	0.372	-3.0	93	0.00
20	Methylcyclohexane	0.423	0.446	-5.4	92	0.00
21 T	2,2-Dichloropropane	0.505	0.455	9.9	89	0.00
22 RT	cis-1,2-Dichloroethene	0.326	0.311	4.6	93	0.00
23 t	Diethyl Ether	0.178	0.164	7.9	93	0.00
24 t	tert-Butyl Alcohol	0.018	0.016	11.1	96	0.00
25 t	Methyl tert-Butyl Ether	0.605	0.577	4.6	95	0.00
26 t	Bromochloromethane	0.146	0.145	0.7	96	0.00
27 t	Chloroform	0.569	0.540	5.1	95	0.00
28 RT	1,1,1-Trichloroethane	0.505	0.489	3.2	95	0.00
29 T	1,1-Dichloropropene	0.399	0.404	-1.3	93	0.00
30 RT	Carbon Tetrachloride	0.477	0.458	4.0	93	0.00
31 t	Isopropyl Ether	0.810	0.780	3.7	94	0.00
32	Ethyl-t-butyl ether	0.710	0.705	0.7	94	0.00
33	Tert-Amyl methyl ether	0.606	0.632	-4.3	93	0.00
34 t	Propionitrile	0.021	0.022	-4.8	99	0.00
35 RT	Benzene	1.152	1.134	1.6	95	0.00
36 RT	1,2-Dichloroethane	0.357	0.345	3.4	95	0.00
37 RT	Trichloroethene	0.324	0.306	5.6	93	0.00
38 Rt	1,2-Dichloropropane	0.298	0.297	0.3	95	0.00
39 t	Methacrylonitrile	0.091	0.091	0.0	94	0.00
40 t	Methyl acrylate	0.137	0.142	-3.6	97	0.00
41 t	Tetrahydrofuran	0.050	0.044	12.0	94	0.00
42 t	1-Chlorobutane	0.539	0.554	-2.8	94	0.00
43 T	Dibromomethane	0.159	0.152	4.4	93	0.00
44 T	Bromodichloromethane	0.409	0.398	2.7	96	0.00
45 T	4-Methyl-2-Pentanone	0.161	0.169	-5.0	95	0.00
46 t	t-1,4-Dichloro-2-butene	0.074	0.077	-4.1	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.121	0.132	-9.1	94	0.00
48 t	Ethyl methacrylate	0.222	0.249	-12.2	95	0.00
49 Rt	Toluene	0.658	0.696	-5.8	94	0.00
50 T	t-1,3-Dichloropropene	0.349	0.356	-2.0	95	0.00
51 T	cis-1,3-Dichloropropene	0.405	0.406	-0.2	93	0.00
52 RT	1,1,2-Trichloroethane	0.215	0.212	1.4	96	0.00
53 t	1,3-Dichloropropane	0.357	0.358	-0.3	96	0.00
54 t	2-Hexanone	0.114	0.120	-5.3	94	0.00
55 t	Dibromochloromethane	0.287	0.276	3.8	93	0.00
56 T	1,2-Dibromoethane	0.209	0.200	4.3	93	0.00
57 S	4-Bromofluorobenzene	0.359	0.395	-10.0	100	0.00
58 RT	Tetrachloroethene	0.307	0.301	2.0	95	0.00
59 Rt	Chlorobenzene	0.762	0.779	-2.2	95	0.00
60 T	1,1,1,2-Tetrachloroethane	0.304	0.304	0.0	96	0.00
61 t	Pentachloroethane	0.259	0.250	3.5	94	0.00
62 t	Hexachloroethane	0.259	0.264	-1.9	94	0.00
63 Rt	Ethyl Benzene	1.209	1.334	-10.3	95	0.00
64 RT	m/p-Xylenes	0.483	0.551	-14.1	95	0.00
65 RT	o-Xylene	0.460	0.503	-9.3	94	0.00
66 RT	Styrene	0.788	0.901	-14.3	96	0.00
67 t	Bromoform	0.169	0.168	0.6	94	0.00
68 S	1,2-Dichlorobenzene-d4	0.419	0.414	1.2	95	0.00
69 T	Isopropylbenzene	1.217	1.351	-11.0	95	0.00
70 T	1,1,2,2-Tetrachloroethane	0.270	0.269	0.4	96	0.00
71 T	1,2,3-Trichloropropane	0.193	0.196	-1.6	97	0.00
72 t	Bromobenzene	0.341	0.349	-2.3	94	0.00
73 t	n-propylbenzene	0.356	0.403	-13.2	94	0.00
74 t	2-Chlorotoluene	0.321	0.351	-9.3	95	0.00
75 t	1,3,5-Trimethylbenzene	1.081	1.243	-15.0	96	0.00
76 t	4-Chlorotoluene	0.330	0.367	-11.2	97	0.00
77 t	tert-Butylbenzene	1.077	1.171	-8.7	93	0.00
78 t	1,2,4-Trimethylbenzene	1.119	1.283	-14.7	95	0.00
79 t	sec-Butylbenzene	1.411	1.580	-12.0	95	0.00
80	Nitrobenzene	0.012	0.012	0.0	88	0.00
81 t	p-Isopropyltoluene	1.194	1.380	-15.6	95	0.00
82 t	1,3-Dichlorobenzene	0.717	0.743	-3.6	95	0.00
83 Rt	1,4-Dichlorobenzene	0.716	0.739	-3.2	94	0.00
84 t	n-Butylbenzene	1.155	1.312	-13.6	95	0.00
85 Rt	1,2-Dichlorobenzene	0.659	0.671	-1.8	94	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.047	0.048	-2.1	99	0.00
87 Rt	1,2,4-Trichlorobenzene	0.463	0.467	-0.9	92	0.00
88 t	Hexachlorobutadiene	0.283	0.284	-0.4	94	0.00
89 t	Naphthalene	0.730	0.790	-8.2	91	0.00
90 t	1,2,3-Trichlorobenzene	0.436	0.454	-4.1	92	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

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