

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012821\
 Data File : VU042214.D
 Acq On : 28 Jan 2021 20:58
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 29 10:31:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jan 29 09:59:59 2021
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	90	0.00
2 T	Dichlorodifluoromethane	0.390	0.388	0.5	89	0.00
3 t	Chloromethane	0.356	0.343	3.7	90	0.00
4 Rt	Vinyl Chloride	0.339	0.340	-0.3	90	0.00
5 T	Bromomethane	0.168	0.173	-3.0	102	0.00
6 T	Chloroethane	0.190	0.191	-0.5	91	0.00
7 T	Trichlorofluoromethane	0.474	0.494	-4.2	93	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.254	0.258	-1.6	89	0.00
9 Rt	1,1-Dichloroethene	0.227	0.232	-2.2	91	0.00
10 t	Iodomethane	0.333	0.366	-9.9	92	0.00
11 t	Allyl Chloride	0.464	0.463	0.2	92	0.00
12 t	Acrylonitrile	0.058	0.062	-6.9	91	0.00
13 T	Acetone	0.039	0.042	-7.7	94	0.00
14 T	Carbon Disulfide	0.745	0.766	-2.8	91	0.00
15 RT	Methylene Chloride	0.284	0.292	-2.8	103	0.00
16 RT	trans-1,2-Dichloroethene	0.245	0.254	-3.7	91	0.00
17 t	1,1-Dichloroethane	0.489	0.503	-2.9	91	0.00
18 T	2-Butanone	0.077	0.082	-6.5	96	0.00
19	Cyclohexane	0.488	0.483	1.0	88	0.00
20	Methylcyclohexane	0.504	0.504	0.0	90	0.00
21 T	2,2-Dichloropropane	0.467	0.447	4.3	87	0.00
22 RT	cis-1,2-Dichloroethene	0.273	0.276	-1.1	91	0.00
23 t	Diethyl Ether	0.186	0.201	-8.1	93	0.00
24 t	tert-Butyl Alcohol	0.014	0.015	-7.1	90	0.00
25 t	Methyl tert-Butyl Ether	0.677	0.682	-0.7	91	0.00
26 t	Bromochloromethane	0.124	0.131	-5.6	92	0.00
27 t	Chloroform	0.485	0.496	-2.3	92	0.00
28 RT	1,1,1-Trichloroethane	0.448	0.452	-0.9	90	0.00
29 T	1,1-Dichloropropene	0.416	0.420	-1.0	89	0.00
30 RT	Carbon Tetrachloride	0.424	0.437	-3.1	90	0.00
31 t	Isopropyl Ether	0.911	0.920	-1.0	92	0.00
32	Ethyl-t-butyl ether	0.819	0.832	-1.6	90	0.00
33	Tert-Amyl methyl ether	0.766	0.768	-0.3	90	0.00
34 t	Propionitrile	0.019	0.021	-10.5	93	0.00
35 RT	Benzene	1.106	1.133	-2.4	91	0.00
36 RT	1,2-Dichloroethane	0.399	0.411	-3.0	91	0.00
37 RT	Trichloroethene	0.297	0.305	-2.7	89	0.00
38 Rt	1,2-Dichloropropane	0.301	0.310	-3.0	90	0.00
39 t	Methacrylonitrile	0.114	0.123	-7.9	95	0.00
40 t	Methyl acrylate	0.154	0.163	-5.8	91	0.00
41 t	Tetrahydrofuran	0.049	0.055	-12.2	97	0.00
42 t	1-Chlorobutane	0.607	0.602	0.8	89	0.00
43 T	Dibromomethane	0.158	0.168	-6.3	93	0.00
44 T	Bromodichloromethane	0.387	0.406	-4.9	91	0.00
45 T	4-Methyl-2-Pentanone	0.262	0.267	-1.9	92	0.00
46 t	t-1,4-Dichloro-2-butene	0.084	0.076	9.5	74	0.00
47 t	Methyl methacrylate	0.163	0.173	-6.1	91	0.00
48 t	Ethyl methacrylate	0.346	0.354	-2.3	92	0.00
49 Rt	Toluene	0.689	0.707	-2.6	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.396	0.416	-5.1	90	0.00
51 T	cis-1,3-Dichloropropene	0.443	0.465	-5.0	90	0.00
52 RT	1,1,2-Trichloroethane	0.216	0.225	-4.2	93	0.00
53 t	1,3-Dichloropropane	0.392	0.409	-4.3	93	0.00
54 t	2-Hexanone	0.190	0.196	-3.2	93	0.00
55 t	Dibromochloromethane	0.260	0.281	-8.1	92	0.00
56 T	1,2-Dibromoethane	0.214	0.228	-6.5	91	0.00
57 S	4-Bromofluorobenzene	0.388	0.384	1.0	87	0.00
58 RT	Tetrachloroethene	0.259	0.270	-4.2	92	0.00
59 Rt	Chlorobenzene	0.748	0.776	-3.7	91	0.00
60 T	1,1,1,2-Tetrachloroethane	0.281	0.291	-3.6	91	0.00
61 t	Pentachloroethane	0.221	0.227	-2.7	87	0.00
62 t	Hexachloroethane	0.219	0.239	-9.1	92	0.00
63 Rt	Ethyl Benzene	1.359	1.409	-3.7	91	0.00
64 RT	m/p-Xylenes	0.505	0.522	-3.4	91	0.00
65 RT	o-Xylene	0.498	0.507	-1.8	90	0.00
66 RT	Styrene	0.835	0.879	-5.3	91	0.00
67 t	Bromoform	0.164	0.178	-8.5	92	0.00
68 S	1,2-Dichlorobenzene-d4	0.395	0.391	1.0	89	0.00
69 T	Isopropylbenzene	1.342	1.383	-3.1	91	0.00
70 T	1,1,2,2-Tetrachloroethane	0.284	0.297	-4.6	90	0.00
71 T	1,2,3-Trichloropropane	0.224	0.243	-8.5	94	0.00
72 t	Bromobenzene	0.339	0.349	-2.9	91	0.00
73 t	n-propylbenzene	0.357	0.381	-6.7	93	0.00
74 t	2-Chlorotoluene	0.319	0.330	-3.4	91	0.00
75 t	1,3,5-Trimethylbenzene	1.165	1.197	-2.7	91	0.00
76 t	4-Chlorotoluene	0.323	0.342	-5.9	93	0.00
77 t	tert-Butylbenzene	1.154	1.194	-3.5	91	0.00
78 t	1,2,4-Trimethylbenzene	1.170	1.213	-3.7	92	0.00
79 t	sec-Butylbenzene	1.485	1.535	-3.4	92	0.00
80	Nitrobenzene	0.008	0.010	-25.0	92	0.00
81 t	p-Isopropyltoluene	1.262	1.317	-4.4	92	0.00
82 t	1,3-Dichlorobenzene	0.639	0.653	-2.2	90	0.00
83 Rt	1,4-Dichlorobenzene	0.643	0.655	-1.9	90	0.00
84 t	n-Butylbenzene	1.207	1.259	-4.3	92	0.00
85 Rt	1,2-Dichlorobenzene	0.622	0.647	-4.0	92	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.058	0.062	-6.9	91	0.00
87 Rt	1,2,4-Trichlorobenzene	0.478	0.502	-5.0	90	0.00
88 t	Hexachlorobutadiene	0.269	0.285	-5.9	92	0.00
89 t	Naphthalene	0.894	0.962	-7.6	93	0.00
90 t	1,2,3-Trichlorobenzene	0.435	0.470	-8.0	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0