

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101923\
 Data File : VU055817.D
 Acq On : 19 Oct 2023 18:29
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 20 01:37:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 19 03:10:04 2023
 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	96	0.00
2 T	Dichlorodifluoromethane	0.388	0.350	9.8	79	0.00
3 t	Chloromethane	0.332	0.336	-1.2	91	0.00
4 Rt	Vinyl Chloride	0.340	0.352	-3.5	92	0.00
5 T	Bromomethane	0.187	0.209	-11.8	97	0.00
6 T	Chloroethane	0.165	0.197	-19.4	102	0.00
7 T	Trichlorofluoromethane	0.449	0.477	-6.2	94	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.299	0.288	3.7	84	0.00
9 Rt	1,1-Dichloroethene	0.279	0.266	4.7	84	0.00
10 t	Iodomethane	0.416	0.430	-3.4	85	0.00
11 t	Allyl Chloride	0.363	0.359	1.1	85	0.00
12 t	Acrylonitrile	0.052	0.054	-3.8	86	0.00
13 T	Acetone	0.112	0.077	31.3#	61	0.00
14 T	Carbon Disulfide	0.910	0.846	7.0	81	0.00
15 RT	Methylene Chloride	0.329	0.309	6.1	87	0.00
16 RT	trans-1,2-Dichloroethene	0.296	0.290	2.0	84	0.00
17 t	1,1-Dichloroethane	0.550	0.535	2.7	85	0.00
18 T	2-Butanone	0.120	0.091	24.2	63	0.00
19	Cyclohexane	0.469	0.479	-2.1	83	0.00
20	Methylcyclohexane	0.487	0.502	-3.1	80	0.00
21 T	2,2-Dichloropropane	0.463	0.430	7.1	81	0.00
22 RT	cis-1,2-Dichloroethene	0.315	0.314	0.3	84	0.00
23 t	Diethyl Ether	0.167	0.192	-15.0	101	0.00
24 t	tert-Butyl Alcohol	0.017	0.018	-5.9	93	0.00
25 t	Methyl tert-Butyl Ether	0.600	0.614	-2.3	85	0.00
26 t	Bromochloromethane	0.134	0.131	2.2	86	0.00
27 t	Chloroform	0.564	0.553	2.0	86	0.00
28 RT	1,1,1-Trichloroethane	0.506	0.492	2.8	85	0.00
29 T	1,1-Dichloropropene	0.400	0.404	-1.0	85	0.00
30 RT	Carbon Tetrachloride	0.441	0.427	3.2	84	0.00
31 t	Isopropyl Ether	0.739	0.775	-4.9	86	0.00
32	Ethyl-t-butyl ether	0.713	0.742	-4.1	86	0.00
33	Tert-Amyl methyl ether	0.611	0.635	-3.9	85	0.00
34 t	Propionitrile	0.019	0.021	-10.5	91	0.00
35 RT	Benzene	1.213	1.179	2.8	84	0.00
36 RT	1,2-Dichloroethane	0.329	0.337	-2.4	90	0.00
37 RT	Trichloroethene	0.316	0.305	3.5	84	0.00
38 Rt	1,2-Dichloropropane	0.317	0.309	2.5	85	0.00
39 t	Methacrylonitrile	0.071	0.081	-14.1	92	0.00
40 t	Methyl acrylate	0.114	0.137	-20.2	84	0.00
41 t	Tetrahydrofuran	0.040	0.040	0.0	90	0.00
42 t	1-Chlorobutane	0.534	0.550	-3.0	86	0.00
43 T	Dibromomethane	0.151	0.148	2.0	88	0.00
44 T	Bromodichloromethane	0.398	0.400	-0.5	88	0.00
45 T	4-Methyl-2-Pentanone	0.156	0.158	-1.3	84	0.00
46 t	t-1,4-Dichloro-2-butene	0.062	0.060	3.2	91	0.00
47 t	Methyl methacrylate	0.124	0.136	-9.7	86	0.00
48 t	Ethyl methacrylate	0.236	0.260	-10.2	87	0.00
49 Rt	Toluene	0.718	0.744	-3.6	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.352	0.361	-2.6	87	0.00
51 T	cis-1,3-Dichloropropene	0.431	0.435	-0.9	84	0.00
52 RT	1,1,2-Trichloroethane	0.215	0.209	2.8	89	0.00
53 t	1,3-Dichloropropane	0.368	0.366	0.5	88	0.00
54 t	2-Hexanone	0.174	0.129	25.9	60	0.00
55 t	Dibromochloromethane	0.260	0.257	1.2	88	0.00
56 T	1,2-Dibromoethane	0.197	0.198	-0.5	88	0.00
57 S	4-Bromofluorobenzene	0.394	0.403	-2.3	99	0.00
58 RT	Tetrachloroethene	0.328	0.303	7.6	85	0.00
59 Rt	Chlorobenzene	0.793	0.798	-0.6	87	0.00
60 T	1,1,1,2-Tetrachloroethane	0.283	0.275	2.8	86	0.00
61 t	Pentachloroethane	0.191	0.194	-1.6	87	0.00
62 t	Hexachloroethane	0.202	0.211	-4.5	81	0.00
63 Rt	Ethyl Benzene	1.346	1.429	-6.2	86	0.00
64 RT	m/p-Xylenes	0.517	0.548	-6.0	85	0.00
65 RT	o-Xylene	0.508	0.534	-5.1	87	0.00
66 RT	Styrene	0.794	0.868	-9.3	86	0.00
67 t	Bromoform	0.139	0.137	1.4	85	0.00
68 S	1,2-Dichlorobenzene-d4	0.366	0.385	-5.2	97	0.00
69 T	Isopropylbenzene	1.307	1.403	-7.3	86	0.00
70 T	1,1,2,2-Tetrachloroethane	0.252	0.253	-0.4	88	0.00
71 T	1,2,3-Trichloropropane	0.208	0.213	-2.4	90	0.00
72 t	Bromobenzene	0.312	0.314	-0.6	86	0.00
73 t	n-propylbenzene	0.337	0.382	-13.4	85	0.00
74 t	2-Chlorotoluene	0.313	0.322	-2.9	86	0.00
75 t	1,3,5-Trimethylbenzene	1.117	1.227	-9.8	85	0.00
76 t	4-Chlorotoluene	0.319	0.335	-5.0	85	0.00
77 t	tert-Butylbenzene	1.024	1.127	-10.1	85	0.00
78 t	1,2,4-Trimethylbenzene	1.106	1.234	-11.6	84	0.00
79 t	sec-Butylbenzene	1.293	1.475	-14.1	83	0.00
80	Nitrobenzene	0.007	0.007	0.0	79	0.00
81 t	p-Isopropyltoluene	1.041	1.191	-14.4	81	0.00
82 t	1,3-Dichlorobenzene	0.636	0.647	-1.7	85	0.00
83 Rt	1,4-Dichlorobenzene	0.616	0.639	-3.7	86	0.00
84 t	n-Butylbenzene	0.888	0.979	-10.2	77	0.00
85 Rt	1,2-Dichlorobenzene	0.582	0.602	-3.4	86	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.036	0.041	-13.9	87	0.00
87 Rt	1,2,4-Trichlorobenzene	0.316	0.356	-12.7	83	0.00
88 t	Hexachlorobutadiene	0.219	0.217	0.9	77	0.00
89 t	Naphthalene	0.459	0.526	-14.6	81	0.00
90 t	1,2,3-Trichlorobenzene	0.271	0.306	-12.9	83	0.00

(#) = Out of Range

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