

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054876.D
 Acq On : 26 Jul 2023 14:24
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 28 03:10:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 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	103	0.00
2 T	Dichlorodifluoromethane	0.190	0.188	1.1	104	0.00
3 t	Chloromethane	0.214	0.207	3.3	104	0.00
4 Rt	Vinyl Chloride	0.286	0.274	4.2	101	0.00
5 T	Bromomethane	0.227	0.218	4.0	100	0.00
6 T	Chloroethane	0.295	0.287	2.7	96	0.00
7 T	Trichlorofluoromethane	0.671	0.601	10.4	96	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.218	0.206	5.5	103	0.00
9 Rt	1,1-Dichloroethene	0.173	0.168	2.9	101	0.00
10 t	Iodomethane	0.270	0.270	0.0	101	0.00
11 t	Allyl Chloride	0.206	0.199	3.4	103	0.00
12 t	Acrylonitrile	0.043	0.044	-2.3	105	0.00
13 T	Acetone	0.045	0.064	-42.2#	152	0.00
14 T	Carbon Disulfide	0.299	0.267	10.7	99	0.00
15 RT	Methylene Chloride	0.241	0.262	-8.7	127	0.00
16 RT	trans-1,2-Dichloroethene	0.188	0.186	1.1	105	0.00
17 t	1,1-Dichloroethane	0.420	0.404	3.8	103	0.00
18 T	2-Butanone	0.057	0.074	-29.8	125	0.00
19	Cyclohexane	0.237	0.261	-10.1	115	0.00
20	Methylcyclohexane	0.316	0.322	-1.9	104	0.00
21 T	2,2-Dichloropropane	0.390	0.374	4.1	106	0.00
22 RT	cis-1,2-Dichloroethene	0.250	0.250	0.0	104	0.00
23 t	Diethyl Ether	0.255	0.236	7.5	99	0.00
24 t	tert-Butyl Alcohol	0.024	0.022	8.3	118	0.00
25 t	Methyl tert-Butyl Ether	0.534	0.531	0.6	103	0.00
26 t	Bromochloromethane	0.102	0.098	3.9	100	0.00
27 t	Chloroform	0.451	0.447	0.9	102	0.00
28 RT	1,1,1-Trichloroethane	0.390	0.388	0.5	105	0.00
29 T	1,1-Dichloropropene	0.288	0.277	3.8	101	0.00
30 RT	Carbon Tetrachloride	0.325	0.320	1.5	104	0.00
31 t	Isopropyl Ether	0.620	0.611	1.5	102	0.00
32	Ethyl-t-butyl ether	0.639	0.623	2.5	103	0.00
33	Tert-Amyl methyl ether	0.604	0.593	1.8	103	0.00
34 t	Propionitrile	0.016	0.017	-6.3	98	0.00
35 RT	Benzene	0.901	0.873	3.1	100	0.00
36 RT	1,2-Dichloroethane	0.256	0.254	0.8	104	0.00
37 RT	Trichloroethene	0.242	0.243	-0.4	104	0.00
38 Rt	1,2-Dichloropropane	0.255	0.246	3.5	98	0.00
39 t	Methacrylonitrile	0.063	0.062	1.6	96	0.00
40 t	Methyl acrylate	0.100	0.094	6.0	87	0.00
41 t	Tetrahydrofuran	0.036	0.031	13.9	96	0.00
42 t	1-Chlorobutane	0.377	0.358	5.0	104	0.00
43 T	Dibromomethane	0.120	0.122	-1.7	102	0.00
44 T	Bromodichloromethane	0.333	0.340	-2.1	103	0.00
45 T	4-Methyl-2-Pentanone	0.140	0.144	-2.9	104	0.00
46 t	t-1,4-Dichloro-2-butene	0.056	0.053	5.4	83	0.00
47 t	Methyl methacrylate	0.109	0.113	-3.7	100	0.00
48 t	Ethyl methacrylate	0.221	0.233	-5.4	101	0.00
49 Rt	Toluene	0.574	0.580	-1.0	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.296	0.303	-2.4	103	0.00
51 T	cis-1,3-Dichloropropene	0.364	0.363	0.3	101	0.00
52 RT	1,1,2-Trichloroethane	0.190	0.185	2.6	103	0.00
53 t	1,3-Dichloropropane	0.307	0.313	-2.0	105	0.00
54 t	2-Hexanone	0.099	0.126	-27.3	123	0.00
55 t	Dibromochloromethane	0.217	0.226	-4.1	104	0.00
56 T	1,2-Dibromoethane	0.161	0.167	-3.7	103	0.00
57 S	4-Bromofluorobenzene	0.303	0.312	-3.0	100	0.00
58 RT	Tetrachloroethene	0.211	0.208	1.4	104	0.00
59 Rt	Chlorobenzene	0.696	0.691	0.7	104	0.00
60 T	1,1,1,2-Tetrachloroethane	0.246	0.249	-1.2	104	0.00
61 t	Pentachloroethane	0.192	0.196	-2.1	99	0.00
62 t	Hexachloroethane	0.197	0.211	-7.1	102	0.00
63 Rt	Ethyl Benzene	1.168	1.184	-1.4	103	0.00
64 RT	m/p-Xylenes	0.437	0.445	-1.8	103	0.00
65 RT	o-Xylene	0.449	0.450	-0.2	102	0.00
66 RT	Styrene	0.718	0.749	-4.3	102	0.00
67 t	Bromoform	0.113	0.124	-9.7	100	0.00
68 S	1,2-Dichlorobenzene-d4	0.343	0.371	-8.2	113	0.00
69 T	Isopropylbenzene	1.205	1.219	-1.2	102	0.00
70 T	1,1,2,2-Tetrachloroethane	0.235	0.239	-1.7	100	0.00
71 T	1,2,3-Trichloropropane	0.167	0.161	3.6	101	0.00
72 t	Bromobenzene	0.268	0.279	-4.1	103	0.00
73 t	n-propylbenzene	0.323	0.331	-2.5	102	0.00
74 t	2-Chlorotoluene	0.279	0.287	-2.9	102	0.00
75 t	1,3,5-Trimethylbenzene	0.976	1.016	-4.1	103	0.00
76 t	4-Chlorotoluene	0.290	0.306	-5.5	102	0.00
77 t	tert-Butylbenzene	1.015	1.051	-3.5	103	0.00
78 t	1,2,4-Trimethylbenzene	0.999	1.049	-5.0	103	0.00
79 t	sec-Butylbenzene	1.320	1.406	-6.5	104	0.00
80	Nitrobenzene	0.006	0.006	0.0	95	0.00
81 t	p-Isopropyltoluene	1.041	1.145	-10.0	104	0.00
82 t	1,3-Dichlorobenzene	0.571	0.588	-3.0	105	0.00
83 Rt	1,4-Dichlorobenzene	0.570	0.583	-2.3	104	0.00
84 t	n-Butylbenzene	0.935	1.046	-11.9	101	0.00
85 Rt	1,2-Dichlorobenzene	0.548	0.551	-0.5	105	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.031	0.035	-12.9	104	0.00
87 Rt	1,2,4-Trichlorobenzene	0.349	0.354	-1.4	101	0.00
88 t	Hexachlorobutadiene	0.186	0.199	-7.0	106	0.00
89 t	Naphthalene	0.541	0.577	-6.7	105	0.00
90 t	1,2,3-Trichlorobenzene	0.310	0.314	-1.3	103	0.00

(#) = Out of Range

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