

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054873.D
 Acq On : 25 Jul 2023 19:30
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU072523

Quant Time: Jul 27 14:44:50 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	96	0.00
2 T	Dichlorodifluoromethane	0.190	0.150	21.1	78	0.00
3 t	Chloromethane	0.214	0.218	-1.9	103	0.00
4 Rt	Vinyl Chloride	0.286	0.285	0.3	98	0.00
5 T	Bromomethane	0.227	0.237	-4.4	102	0.00
6 T	Chloroethane	0.295	0.310	-5.1	98	0.00
7 T	Trichlorofluoromethane	0.671	0.631	6.0	95	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.218	0.199	8.7	93	0.00
9 Rt	1,1-Dichloroethene	0.173	0.184	-6.4	104	0.00
10 t	Iodomethane	0.270	0.290	-7.4	102	0.00
11 t	Allyl Chloride	0.206	0.225	-9.2	110	0.00
12 t	Acrylonitrile	0.043	0.110	-155.8#	247#	0.00
13 T	Acetone	0.045	0.030	33.3#	67	0.00
14 T	Carbon Disulfide	0.299	0.366	-22.4	127	0.00
15 RT	Methylene Chloride	0.241	0.220	8.7	101	0.00
16 RT	trans-1,2-Dichloroethene	0.188	0.206	-9.6	109	0.00
17 t	1,1-Dichloroethane	0.420	0.423	-0.7	101	0.00
18 T	2-Butanone	0.057	0.052	8.8	82	0.00
19	Cyclohexane	0.237	0.242	-2.1	100	0.00
20	Methylcyclohexane	0.316	0.341	-7.9	104	0.00
21 T	2,2-Dichloropropane	0.390	0.349	10.5	93	0.00
22 RT	cis-1,2-Dichloroethene	0.250	0.270	-8.0	106	0.00
23 t	Diethyl Ether	0.255	0.246	3.5	97	0.00
24 t	tert-Butyl Alcohol	0.024	0.008	66.7#	42	0.00
25 t	Methyl tert-Butyl Ether	0.534	0.566	-6.0	103	0.00
26 t	Bromochloromethane	0.102	0.072	29.4	68	0.00
27 t	Chloroform	0.451	0.471	-4.4	101	0.00
28 RT	1,1,1-Trichloroethane	0.390	0.391	-0.3	99	0.00
29 T	1,1-Dichloropropene	0.288	0.302	-4.9	104	0.00
30 RT	Carbon Tetrachloride	0.325	0.336	-3.4	103	0.00
31 t	Isopropyl Ether	0.620	0.659	-6.3	104	0.00
32	Ethyl-t-butyl ether	0.639	0.000	100.0#	0#	-4.50#
33	Tert-Amyl methyl ether	0.604	0.000	100.0#	0#	-5.94#
34 t	Propionitrile	0.016	0.036	-125.0#	195	0.00
35 RT	Benzene	0.901	0.949	-5.3	103	0.00
36 RT	1,2-Dichloroethane	0.256	0.271	-5.9	104	0.00
37 RT	Trichloroethene	0.242	0.249	-2.9	100	0.00
38 Rt	1,2-Dichloropropane	0.255	0.255	0.0	95	0.00
39 t	Methacrylonitrile	0.063	0.060	4.8	89	0.00
40 t	Methyl acrylate	0.100	0.114	-14.0	99	0.00
41 t	Tetrahydrofuran	0.036	0.086	-138.9#	248#	0.00
42 t	1-Chlorobutane	0.377	0.389	-3.2	106	0.00
43 T	Dibromomethane	0.120	0.134	-11.7	105	0.00
44 T	Bromodichloromethane	0.333	0.350	-5.1	100	0.00
45 T	4-Methyl-2-Pentanone	0.140	0.143	-2.1	97	0.00
46 t	t-1,4-Dichloro-2-butene	0.056	0.031	44.6#	46	0.00
47 t	Methyl methacrylate	0.109	0.059	45.9#	49	0.00
48 t	Ethyl methacrylate	0.221	0.248	-12.2	102	0.00
49 Rt	Toluene	0.574	0.622	-8.4	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.296	0.318	-7.4	101	0.00
51 T	cis-1,3-Dichloropropene	0.364	0.384	-5.5	100	0.00
52 RT	1,1,2-Trichloroethane	0.190	0.191	-0.5	100	0.00
53 t	1,3-Dichloropropane	0.307	0.330	-7.5	104	0.00
54 t	2-Hexanone	0.099	0.100	-1.0	91	0.00
55 t	Dibromochloromethane	0.217	0.226	-4.1	98	0.00
56 T	1,2-Dibromoethane	0.161	0.183	-13.7	106	0.00
57 S	4-Bromofluorobenzene	0.303	0.368	-21.5	111	0.00
58 RT	Tetrachloroethene	0.211	0.225	-6.6	106	0.00
59 Rt	Chlorobenzene	0.696	0.697	-0.1	98	0.00
60 T	1,1,1,2-Tetrachloroethane	0.246	0.266	-8.1	104	0.00
61 t	Pentachloroethane	0.192	0.213	-10.9	102	0.00
62 t	Hexachloroethane	0.197	0.211	-7.1	96	0.00
63 Rt	Ethyl Benzene	1.168	1.256	-7.5	102	0.00
64 RT	m/p-Xylenes	0.437	0.473	-8.2	103	0.00
65 RT	o-Xylene	0.449	0.469	-4.5	100	0.00
66 RT	Styrene	0.718	0.785	-9.3	101	0.00
67 t	Bromoform	0.113	0.126	-11.5	96	0.00
68 S	1,2-Dichlorobenzene-d4	0.343	0.376	-9.6	108	0.00
69 T	Isopropylbenzene	1.205	1.274	-5.7	100	0.00
70 T	1,1,2,2-Tetrachloroethane	0.235	0.248	-5.5	98	0.00
71 T	1,2,3-Trichloropropane	0.167	0.162	3.0	96	0.00
72 t	Bromobenzene	0.268	0.290	-8.2	100	0.00
73 t	n-propylbenzene	0.323	0.351	-8.7	102	0.00
74 t	2-Chlorotoluene	0.279	0.303	-8.6	101	0.00
75 t	1,3,5-Trimethylbenzene	0.976	1.068	-9.4	102	0.00
76 t	4-Chlorotoluene	0.290	0.319	-10.0	100	0.00
77 t	tert-Butylbenzene	1.015	1.097	-8.1	102	0.00
78 t	1,2,4-Trimethylbenzene	0.999	1.038	-3.9	96	0.00
79 t	sec-Butylbenzene	1.320	1.424	-7.9	99	0.00
80	Nitrobenzene	0.006	0.001	83.3#	18#	0.00
81 t	p-Isopropyltoluene	1.041	1.147	-10.2	98	0.00
82 t	1,3-Dichlorobenzene	0.571	0.589	-3.2	99	0.00
83 Rt	1,4-Dichlorobenzene	0.570	0.593	-4.0	100	0.00
84 t	n-Butylbenzene	0.935	1.038	-11.0	95	0.00
85 Rt	1,2-Dichlorobenzene	0.548	0.571	-4.2	102	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.031	0.035	-12.9	98	0.00
87 Rt	1,2,4-Trichlorobenzene	0.349	0.363	-4.0	97	0.00
88 t	Hexachlorobutadiene	0.186	0.194	-4.3	97	0.00
89 t	Naphthalene	0.541	0.555	-2.6	95	0.00
90 t	1,2,3-Trichlorobenzene	0.310	0.319	-2.9	99	0.00

(#) = Out of Range

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