

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049643.D
 Acq On : 06 Jul 2022 19:03
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 07 07:22:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:00:33 2022
 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	83	0.00
2 T	Dichlorodifluoromethane	0.383	0.307	19.8	65	0.00
3 t	Chloromethane	0.392	0.411	-4.8	92	0.00
4 Rt	Vinyl Chloride	0.357	0.331	7.3	76	0.00
5 T	Bromomethane	0.186	0.150	19.4	71	0.00
6 T	Chloroethane	0.200	0.188	6.0	78	0.00
7 T	Trichlorofluoromethane	0.428	0.363	15.2	69	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.225	0.185	17.8	66	0.00
9 Rt	1,1-Dichloroethene	0.227	0.203	10.6	72	0.00
10 t	Iodomethane	0.288	0.257	10.8	68	0.00
11 t	Allyl Chloride	0.387	0.381	1.6	80	0.00
12 t	Acrylonitrile	0.061	0.068	-11.5	98	0.00
13 T	Acetone	0.048	0.051	-6.2	100	0.00
14 T	Carbon Disulfide	0.747	0.677	9.4	74	0.00
15 RT	Methylene Chloride	0.284	0.283	0.4	93	0.00
16 RT	trans-1,2-Dichloroethene	0.238	0.235	1.3	80	0.00
17 t	1,1-Dichloroethane	0.492	0.513	-4.3	85	0.00
18 T	2-Butanone	0.082	0.093	-13.4	100	0.00
19	Cyclohexane	0.471	0.375	20.4	64	0.00
20	Methylcyclohexane	0.464	0.368	20.7	63	0.00
21 T	2,2-Dichloropropane	0.403	0.340	15.6	67	0.00
22 RT	cis-1,2-Dichloroethene	0.294	0.304	-3.4	84	0.00
23 t	Diethyl Ether	0.193	0.211	-9.3	91	0.00
24 t	tert-Butyl Alcohol	0.022	0.028	-27.3	110	0.00
25 t	Methyl tert-Butyl Ether	0.634	0.695	-9.6	92	0.00
26 t	Bromochloromethane	0.124	0.137	-10.5	91	0.00
27 t	Chloroform	0.485	0.505	-4.1	86	0.00
28 RT	1,1,1-Trichloroethane	0.427	0.412	3.5	77	0.00
29 T	1,1-Dichloropropene	0.382	0.352	7.9	75	0.00
30 RT	Carbon Tetrachloride	0.360	0.339	5.8	74	0.00
31 t	Isopropyl Ether	0.844	0.898	-6.4	86	0.00
32	Ethyl-t-butyl ether	0.799	0.854	-6.9	87	0.00
33	Tert-Amyl methyl ether	0.695	0.756	-8.8	90	0.00
34 t	Propionitrile	0.023	0.028	-21.7	101	0.00
35 RT	Benzene	1.087	1.119	-2.9	83	0.00
36 RT	1,2-Dichloroethane	0.309	0.344	-11.3	93	0.00
37 RT	Trichloroethene	0.275	0.271	1.5	80	0.00
38 Rt	1,2-Dichloropropane	0.288	0.307	-6.6	87	0.00
39 t	Methacrylonitrile	0.100	0.116	-16.0	97	0.00
40 t	Methyl acrylate	0.157	0.190	-21.0	99	0.00
41 t	Tetrahydrofuran	0.059	0.063	-6.8	101	0.00
42 t	1-Chlorobutane	0.535	0.509	4.9	77	0.00
43 T	Dibromomethane	0.143	0.157	-9.8	92	0.00
44 T	Bromodichloromethane	0.344	0.376	-9.3	88	0.00
45 T	4-Methyl-2-Pentanone	0.195	0.224	-14.9	98	0.00
46 t	t-1,4-Dichloro-2-butene	0.063	0.074	-17.5	87	0.00
47 t	Methyl methacrylate	0.145	0.167	-15.2	94	0.00
48 t	Ethyl methacrylate	0.290	0.333	-14.8	94	0.00
49 Rt	Toluene	0.664	0.686	-3.3	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.332	0.369	-11.1	88	0.00
51 T	cis-1,3-Dichloropropene	0.394	0.426	-8.1	85	0.00
52 RT	1,1,2-Trichloroethane	0.198	0.223	-12.6	94	0.00
53 t	1,3-Dichloropropane	0.355	0.390	-9.9	92	0.00
54 t	2-Hexanone	0.135	0.158	-17.0	99	0.00
55 t	Dibromochloromethane	0.226	0.253	-11.9	89	0.00
56 T	1,2-Dibromoethane	0.192	0.213	-10.9	92	0.00
57 S	4-Bromofluorobenzene	0.366	0.361	1.4	83	0.00
58 RT	Tetrachloroethene	0.229	0.216	5.7	76	0.00
59 Rt	Chlorobenzene	0.695	0.709	-2.0	83	0.00
60 T	1,1,1,2-Tetrachloroethane	0.247	0.268	-8.5	87	0.00
61 t	Pentachloroethane	0.190	0.200	-5.3	84	0.00
62 t	Hexachloroethane	0.190	0.187	1.6	77	0.00
63 Rt	Ethyl Benzene	1.250	1.278	-2.2	81	0.00
64 RT	m/p-Xylenes	0.463	0.468	-1.1	79	0.00
65 RT	o-Xylene	0.455	0.463	-1.8	82	0.00
66 RT	Styrene	0.730	0.786	-7.7	84	0.00
67 t	Bromoform	0.129	0.149	-15.5	93	0.00
68 S	1,2-Dichlorobenzene-d4	0.337	0.345	-2.4	85	0.00
69 T	Isopropylbenzene	1.214	1.190	2.0	77	0.00
70 T	1,1,2,2-Tetrachloroethane	0.257	0.296	-15.2	99	0.00
71 T	1,2,3-Trichloropropane	0.213	0.223	-4.7	98	0.00
72 t	Bromobenzene	0.274	0.291	-6.2	85	0.00
73 t	n-propylbenzene	0.306	0.307	-0.3	77	0.00
74 t	2-Chlorotoluene	0.273	0.281	-2.9	82	0.00
75 t	1,3,5-Trimethylbenzene	1.015	1.035	-2.0	80	0.00
76 t	4-Chlorotoluene	0.274	0.295	-7.7	86	0.00
77 t	tert-Butylbenzene	0.999	0.980	1.9	78	0.00
78 t	1,2,4-Trimethylbenzene	1.019	1.060	-4.0	81	0.00
79 t	sec-Butylbenzene	1.311	1.250	4.7	75	0.00
80	Nitrobenzene	0.011	0.012	-9.1	92	0.00
81 t	p-Isopropyltoluene	1.063	1.043	1.9	76	0.00
82 t	1,3-Dichlorobenzene	0.529	0.546	-3.2	81	0.00
83 Rt	1,4-Dichlorobenzene	0.534	0.548	-2.6	84	0.00
84 t	n-Butylbenzene	0.990	0.967	2.3	73	0.00
85 Rt	1,2-Dichlorobenzene	0.513	0.534	-4.1	86	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.045	0.054	-20.0	101	0.00
87 Rt	1,2,4-Trichlorobenzene	0.346	0.381	-10.1	83	0.00
88 t	Hexachlorobutadiene	0.176	0.166	5.7	71	0.00
89 t	Naphthalene	0.725	0.828	-14.2	90	0.00
90 t	1,2,3-Trichlorobenzene	0.330	0.361	-9.4	85	0.00

(#) = Out of Range

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