

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021225\
 Data File : VU063249.D
 Acq On : 12 Feb 2025 10:48
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 13 03:06:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 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	94	0.00
2 T	Dichlorodifluoromethane	0.325	0.315	3.1	97	0.00
3 t	Chloromethane	0.374	0.351	6.1	93	0.00
4 Rt	Vinyl Chloride	0.370	0.363	1.9	93	0.00
5 T	Bromomethane	0.181	0.201	-11.0	99	0.00
6 T	Chloroethane	0.233	0.219	6.0	93	0.00
7 T	Trichlorofluoromethane	0.439	0.437	0.5	97	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.249	0.257	-3.2	105	0.00
9 Rt	1,1-Dichloroethene	0.254	0.260	-2.4	98	0.00
10 t	Iodomethane	0.399	0.417	-4.5	97	0.00
11 t	Allyl Chloride	0.364	0.364	0.0	94	0.00
12 t	Acrylonitrile	0.059	0.060	-1.7	87	0.00
13 T	Acetone	0.045	0.040	11.1	80	0.00
14 T	Carbon Disulfide	0.887	0.865	2.5	94	0.00
15 RT	Methylene Chloride	0.313	0.307	1.9	95	0.00
16 RT	trans-1,2-Dichloroethene	0.290	0.296	-2.1	97	0.00
17 t	1,1-Dichloroethane	0.546	0.551	-0.9	96	0.00
18 T	2-Butanone	0.072	0.070	2.8	83	0.00
19	Cyclohexane	0.439	0.473	-7.7	98	0.00
20	Methylcyclohexane	0.435	0.494	-13.6	104	0.00
21 T	2,2-Dichloropropane	0.426	0.438	-2.8	98	0.00
22 RT	cis-1,2-Dichloroethene	0.313	0.322	-2.9	96	0.00
23 t	Diethyl Ether	0.218	0.210	3.7	91	0.00
24 t	tert-Butyl Alcohol	0.026	0.019	26.9	75	0.02
25 t	Methyl tert-Butyl Ether	0.634	0.653	-3.0	91	0.00
26 t	Bromochloromethane	0.137	0.138	-0.7	95	0.00
27 t	Chloroform	0.551	0.553	-0.4	95	0.00
28 RT	1,1,1-Trichloroethane	0.446	0.454	-1.8	97	0.00
29 T	1,1-Dichloropropene	0.400	0.428	-7.0	99	0.00
30 RT	Carbon Tetrachloride	0.383	0.394	-2.9	98	0.00
31 t	Isopropyl Ether	0.779	0.810	-4.0	93	0.00
32	Ethyl-t-butyl ether	0.709	0.746	-5.2	93	0.00
33	Tert-Amyl methyl ether	0.619	0.671	-8.4	92	0.00
34 t	Propionitrile	0.022	0.022	0.0	85	0.00
35 RT	Benzene	1.229	1.264	-2.8	96	0.00
36 RT	1,2-Dichloroethane	0.355	0.352	0.8	93	0.00
37 RT	Trichloroethene	0.292	0.299	-2.4	96	0.00
38 Rt	1,2-Dichloropropane	0.322	0.330	-2.5	95	0.00
39 t	Methacrylonitrile	0.080	0.088	-10.0	85	0.00
40 t	Methyl acrylate	0.148	0.153	-3.4	87	0.00
41 t	Tetrahydrofuran	0.047	0.047	0.0	86	0.00
42 t	1-Chlorobutane	0.547	0.571	-4.4	95	0.00
43 T	Dibromomethane	0.163	0.163	0.0	94	0.00
44 T	Bromodichloromethane	0.379	0.391	-3.2	94	0.00
45 T	4-Methyl-2-Pentanone	0.171	0.180	-5.3	86	0.00
46 t	t-1,4-Dichloro-2-butene	0.080	0.088	-10.0	98	0.00
47 t	Methyl methacrylate	0.137	0.151	-10.2	88	0.00
48 t	Ethyl methacrylate	0.258	0.296	-14.7	88	0.00
49 Rt	Toluene	0.707	0.772	-9.2	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.347	0.374	-7.8	92	0.00
51 T	cis-1,3-Dichloropropene	0.429	0.448	-4.4	92	0.00
52 RT	1,1,2-Trichloroethane	0.220	0.230	-4.5	95	0.00
53 t	1,3-Dichloropropane	0.390	0.401	-2.8	93	0.00
54 t	2-Hexanone	0.117	0.123	-5.1	85	0.00
55 t	Dibromochloromethane	0.253	0.262	-3.6	92	0.00
56 T	1,2-Dibromoethane	0.206	0.210	-1.9	90	0.00
57 S	4-Bromofluorobenzene	0.330	0.438	-32.7#	115	0.00
58 RT	Tetrachloroethene	0.241	0.261	-8.3	105	0.00
59 Rt	Chlorobenzene	0.746	0.783	-5.0	96	0.00
60 T	1,1,1,2-Tetrachloroethane	0.268	0.281	-4.9	96	0.00
61 t	Pentachloroethane	0.239	0.236	1.3	92	0.00
62 t	Hexachloroethane	0.212	0.221	-4.2	94	0.00
63 Rt	Ethyl Benzene	1.286	1.442	-12.1	96	0.00
64 RT	m/p-Xylenes	0.480	0.553	-15.2	97	0.00
65 RT	o-Xylene	0.470	0.526	-11.9	96	0.00
66 RT	Styrene	0.748	0.871	-16.4	96	0.00
67 t	Bromoform	0.143	0.150	-4.9	91	0.00
68 S	1,2-Dichlorobenzene-d4	0.343	0.341	0.6	93	0.00
69 T	Isopropylbenzene	1.106	1.255	-13.5	97	0.00
70 T	1,1,2,2-Tetrachloroethane	0.296	0.293	1.0	89	0.00
71 T	1,2,3-Trichloropropane	0.222	0.215	3.2	99	0.00
72 t	Bromobenzene	0.298	0.319	-7.0	95	0.00
73 t	n-propylbenzene	0.317	0.375	-18.3	99	0.00
74 t	2-Chlorotoluene	0.292	0.325	-11.3	97	0.00
75 t	1,3,5-Trimethylbenzene	1.024	1.181	-15.3	97	0.00
76 t	4-Chlorotoluene	0.299	0.340	-13.7	99	0.00
77 t	tert-Butylbenzene	1.036	1.142	-10.2	96	0.00
78 t	1,2,4-Trimethylbenzene	1.016	1.181	-16.2	96	0.00
79 t	sec-Butylbenzene	1.319	1.520	-15.2	99	0.00
80	Nitrobenzene	0.007	0.007	0.0	79	0.00
81 t	p-Isopropyltoluene	1.041	1.231	-18.3	99	0.00
82 t	1,3-Dichlorobenzene	0.578	0.618	-6.9	97	0.00
83 Rt	1,4-Dichlorobenzene	0.565	0.617	-9.2	96	0.00
84 t	n-Butylbenzene	0.933	1.107	-18.6	100	0.00
85 Rt	1,2-Dichlorobenzene	0.555	0.584	-5.2	95	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.042	0.044	-4.8	85	0.00
87 Rt	1,2,4-Trichlorobenzene	0.271	0.329	-21.4	100	0.00
88 t	Hexachlorobutadiene	0.194	0.215	-10.8	111	0.00
89 t	Naphthalene	0.436	0.504	-15.6	85	0.00
90 t	1,2,3-Trichlorobenzene	0.265	0.314	-18.5	97	0.00

(#) = Out of Range

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