

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063532.D
 Acq On : 18 Jul 2025 09:11
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 18 23:43:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 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	87	0.00
2 T	Dichlorodifluoromethane	0.295	0.285	3.4	84	0.00
3 t	Chloromethane	0.274	0.271	1.1	88	0.00
4 Rt	Vinyl Chloride	0.349	0.339	2.9	83	0.00
5 T	Bromomethane	0.263	0.257	2.3	92	0.00
6 T	Chloroethane	0.211	0.211	0.0	86	0.00
7 T	Trichlorofluoromethane	0.501	0.508	-1.4	87	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.262	0.269	-2.7	88	0.00
9 Rt	1,1-Dichloroethene	0.260	0.260	0.0	85	0.00
10 t	Iodomethane	0.314	0.333	-6.1	78	0.00
11 t	Allyl Chloride	0.375	0.378	-0.8	86	0.00
12 t	Acrylonitrile	0.065	0.066	-1.5	91	0.00
13 T	Acetone	0.052	0.090	-73.1#	157	0.00
14 T	Carbon Disulfide	0.839	0.746	11.1	75	0.00
15 RT	Methylene Chloride	0.306	0.304	0.7	90	0.00
16 RT	trans-1,2-Dichloroethene	0.295	0.292	1.0	85	0.00
17 t	1,1-Dichloroethane	0.546	0.553	-1.3	88	0.00
18 T	2-Butanone	0.081	0.108	-33.3#	118	0.00
19	Cyclohexane	0.463	0.463	0.0	87	0.00
20	Methylcyclohexane	0.450	0.407	9.6	72	0.00
21 T	2,2-Dichloropropane	0.465	0.465	0.0	89	0.00
22 RT	cis-1,2-Dichloroethene	0.320	0.322	-0.6	87	0.00
23 t	Diethyl Ether	0.198	0.207	-4.5	87	0.00
24 t	tert-Butyl Alcohol	0.024	0.024	0.0	86	0.00
25 t	Methyl tert-Butyl Ether	0.678	0.701	-3.4	88	0.00
26 t	Bromochloromethane	0.134	0.137	-2.2	87	0.00
27 t	Chloroform	0.558	0.577	-3.4	92	0.00
28 RT	1,1,1-Trichloroethane	0.473	0.486	-2.7	88	0.00
29 T	1,1-Dichloropropene	0.438	0.442	-0.9	88	0.00
30 RT	Carbon Tetrachloride	0.381	0.391	-2.6	87	0.00
31 t	Isopropyl Ether	0.825	0.824	0.1	86	0.00
32	Ethyl-t-butyl ether	0.763	0.772	-1.2	87	0.00
33	Tert-Amyl methyl ether	0.663	0.675	-1.8	88	0.00
34 t	Propionitrile	0.025	0.024	4.0	89	0.00
35 RT	Benzene	1.178	1.246	-5.8	90	0.00
36 RT	1,2-Dichloroethane	0.366	0.390	-6.6	90	0.00
37 RT	Trichloroethene	0.301	0.269	10.6	72	0.00
38 Rt	1,2-Dichloropropane	0.276	0.267	3.3	73	0.00
39 t	Methacrylonitrile	0.109	0.102	6.4	88	0.00
40 t	Methyl acrylate	0.159	0.155	2.5	80	0.00
41 t	Tetrahydrofuran	0.057	0.054	5.3	89	0.00
42 t	1-Chlorobutane	0.583	0.602	-3.3	88	0.00
43 T	Dibromomethane	0.143	0.142	0.7	80	0.00
44 T	Bromodichloromethane	0.322	0.316	1.9	84	0.00
45 T	4-Methyl-2-Pentanone	0.147	0.154	-4.8	88	0.00
46 t	t-1,4-Dichloro-2-butene	0.055	0.055	0.0	76	0.00
47 t	Methyl methacrylate	0.120	0.123	-2.5	84	0.00
48 t	Ethyl methacrylate	0.229	0.243	-6.1	84	0.00
49 Rt	Toluene	0.643	0.658	-2.3	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.253	0.260	-2.8	79	0.00
51 T	cis-1,3-Dichloropropene	0.339	0.343	-1.2	82	0.00
52 RT	1,1,2-Trichloroethane	0.192	0.199	-3.6	85	0.00
53 t	1,3-Dichloropropane	0.332	0.343	-3.3	87	0.00
54 t	2-Hexanone	0.098	0.120	-22.4	101	0.00
55 t	Dibromochloromethane	0.203	0.211	-3.9	79	0.00
56 T	1,2-Dibromoethane	0.172	0.176	-2.3	86	0.00
57 S	4-Bromofluorobenzene	0.379	0.425	-12.1	100	0.00
58 RT	Tetrachloroethene	0.275	0.263	4.4	80	0.00
59 Rt	Chlorobenzene	0.739	0.757	-2.4	85	0.00
60 T	1,1,1,2-Tetrachloroethane	0.238	0.239	-0.4	82	0.00
61 t	Pentachloroethane	0.168	0.181	-7.7	84	0.00
62 t	Hexachloroethane	0.166	0.176	-6.0	80	0.00
63 Rt	Ethyl Benzene	1.271	1.307	-2.8	86	0.00
64 RT	m/p-Xylenes	0.494	0.516	-4.5	86	0.00
65 RT	o-Xylene	0.475	0.505	-6.3	87	0.00
66 RT	Styrene	0.757	0.823	-8.7	87	0.00
67 t	Bromoform	0.104	0.103	1.0	76	0.00
68 S	1,2-Dichlorobenzene-d4	0.350	0.381	-8.9	92	0.00
69 T	Isopropylbenzene	1.148	1.225	-6.7	86	0.00
70 T	1,1,2,2-Tetrachloroethane	0.234	0.249	-6.4	89	0.00
71 T	1,2,3-Trichloropropane	0.190	0.194	-2.1	81	0.00
72 t	Bromobenzene	0.296	0.303	-2.4	85	0.00
73 t	n-propylbenzene	0.346	0.377	-9.0	87	0.00
74 t	2-Chlorotoluene	0.305	0.322	-5.6	87	0.00
75 t	1,3,5-Trimethylbenzene	1.097	1.189	-8.4	87	0.00
76 t	4-Chlorotoluene	0.310	0.337	-8.7	89	0.00
77 t	tert-Butylbenzene	1.048	1.124	-7.3	87	0.00
78 t	1,2,4-Trimethylbenzene	1.088	1.184	-8.8	87	0.00
79 t	sec-Butylbenzene	1.413	1.542	-9.1	88	0.00
80	Nitrobenzene	0.004	0.004	0.0	69	0.00
81 t	p-Isopropyltoluene	1.180	1.299	-10.1	88	0.00
82 t	1,3-Dichlorobenzene	0.593	0.633	-6.7	87	0.00
83 Rt	1,4-Dichlorobenzene	0.593	0.639	-7.8	87	0.00
84 t	n-Butylbenzene	1.094	1.250	-14.3	90	0.00
85 Rt	1,2-Dichlorobenzene	0.557	0.605	-8.6	88	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.033	0.037	-12.1	79	0.00
87 Rt	1,2,4-Trichlorobenzene	0.346	0.373	-7.8	84	0.00
88 t	Hexachlorobutadiene	0.197	0.204	-3.6	84	0.00
89 t	Naphthalene	0.621	0.682	-9.8	87	0.00
90 t	1,2,3-Trichlorobenzene	0.320	0.344	-7.5	85	0.00

(#) = Out of Range

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