

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110725\
 Data File : VU063687.D
 Acq On : 07 Nov 2025 15:45
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 08 02:36:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 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	89	0.00
2 T	Dichlorodifluoromethane	0.376	0.364	3.2	83	0.00
3 t	Chloromethane	0.354	0.335	5.4	85	0.00
4 Rt	Vinyl Chloride	0.360	0.363	-0.8	86	0.00
5 T	Bromomethane	0.218	0.202	7.3	87	0.00
6 T	Chloroethane	0.221	0.230	-4.1	89	0.00
7 T	Trichlorofluoromethane	0.524	0.552	-5.3	89	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.278	0.298	-7.2	91	0.00
9 Rt	1,1-Dichloroethene	0.270	0.282	-4.4	90	0.00
10 t	Iodomethane	0.400	0.436	-9.0	90	0.00
11 t	Allyl Chloride	0.421	0.417	1.0	84	0.00
12 t	Acrylonitrile	0.067	0.071	-6.0	85	0.00
13 T	Acetone	0.118	0.122	-3.4	92	0.00
14 T	Carbon Disulfide	0.760	0.668	12.1	76	0.00
15 RT	Methylene Chloride	0.347	0.327	5.8	90	0.00
16 RT	trans-1,2-Dichloroethene	0.297	0.317	-6.7	90	0.00
17 t	1,1-Dichloroethane	0.589	0.616	-4.6	89	0.00
18 T	2-Butanone	0.125	0.125	0.0	86	0.00
19	Cyclohexane	0.450	0.469	-4.2	87	0.00
20	Methylcyclohexane	0.560	0.551	1.6	83	0.00
21 T	2,2-Dichloropropane	0.528	0.520	1.5	84	0.00
22 RT	cis-1,2-Dichloroethene	0.339	0.358	-5.6	89	0.00
23 t	Diethyl Ether	0.221	0.228	-3.2	85	0.00
24 t	tert-Butyl Alcohol	0.038	0.032	15.8	79	0.00
25 t	Methyl tert-Butyl Ether	0.790	0.809	-2.4	86	0.00
26 t	Bromochloromethane	0.143	0.149	-4.2	89	0.00
27 t	Chloroform	0.603	0.638	-5.8	91	0.00
28 RT	1,1,1-Trichloroethane	0.531	0.554	-4.3	89	0.00
29 T	1,1-Dichloropropene	0.446	0.483	-8.3	91	0.00
30 RT	Carbon Tetrachloride	0.421	0.437	-3.8	85	0.00
31 t	Isopropyl Ether	0.933	0.939	-0.6	85	0.00
32	Ethyl-t-butyl ether	0.899	0.880	2.1	84	0.00
33	Tert-Amyl methyl ether	0.783	0.788	-0.6	85	0.00
34 t	Propionitrile	0.024	0.025	-4.2	80	0.00
35 RT	Benzene	1.257	1.327	-5.6	90	0.00
36 RT	1,2-Dichloroethane	0.404	0.429	-6.2	89	0.00
37 RT	Trichloroethene	0.358	0.360	-0.6	91	0.00
38 Rt	1,2-Dichloropropane	0.352	0.355	-0.9	86	0.00
39 t	Methacrylonitrile	0.122	0.113	7.4	84	0.00
40 t	Methyl acrylate	0.177	0.179	-1.1	92	0.00
41 t	Tetrahydrofuran	0.055	0.057	-3.6	83	0.00
42 t	1-Chlorobutane	0.598	0.657	-9.9	89	0.00
43 T	Dibromomethane	0.182	0.180	1.1	82	0.00
44 T	Bromodichloromethane	0.445	0.427	4.0	80	0.00
45 T	4-Methyl-2-Pentanone	0.220	0.214	2.7	79	0.00
46 t	t-1,4-Dichloro-2-butene	0.076	0.089	-17.1	95	0.00
47 t	Methyl methacrylate	0.167	0.168	-0.6	80	0.00
48 t	Ethyl methacrylate	0.341	0.338	0.9	78	0.00
49 Rt	Toluene	0.848	0.853	-0.6	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.387	0.334	13.7	73	0.00
51 T	cis-1,3-Dichloropropene	0.484	0.453	6.4	78	0.00
52 RT	1,1,2-Trichloroethane	0.247	0.255	-3.2	85	0.00
53 t	1,3-Dichloropropane	0.442	0.440	0.5	84	0.00
54 t	2-Hexanone	0.185	0.183	1.1	82	0.00
55 t	Dibromochloromethane	0.291	0.271	6.9	76	0.00
56 T	1,2-Dibromoethane	0.236	0.235	0.4	84	0.00
57 S	4-Bromofluorobenzene	0.452	0.432	4.4	81	0.00
58 RT	Tetrachloroethene	0.351	0.378	-7.7	89	0.00
59 Rt	Chlorobenzene	0.920	0.941	-2.3	87	0.00
60 T	1,1,1,2-Tetrachloroethane	0.322	0.309	4.0	82	0.00
61 t	Pentachloroethane	0.223	0.201	9.9	77	0.00
62 t	Hexachloroethane	0.245	0.218	11.0	73	0.00
63 Rt	Ethyl Benzene	1.666	1.689	-1.4	86	0.00
64 RT	m/p-Xylenes	0.622	0.642	-3.2	87	0.00
65 RT	o-Xylene	0.609	0.622	-2.1	85	0.00
66 RT	Styrene	0.989	1.020	-3.1	85	0.00
67 t	Bromoform	0.157	0.138	12.1	72	0.00
68 S	1,2-Dichlorobenzene-d4	0.406	0.420	-3.4	83	0.00
69 T	Isopropylbenzene	1.505	1.535	-2.0	85	0.00
70 T	1,1,2,2-Tetrachloroethane	0.311	0.313	-0.6	83	0.00
71 T	1,2,3-Trichloropropane	0.270	0.233	13.7	77	0.00
72 t	Bromobenzene	0.364	0.384	-5.5	88	0.00
73 t	n-propylbenzene	0.428	0.446	-4.2	86	0.00
74 t	2-Chlorotoluene	0.371	0.384	-3.5	87	0.00
75 t	1,3,5-Trimethylbenzene	1.392	1.431	-2.8	86	0.00
76 t	4-Chlorotoluene	0.372	0.389	-4.6	87	0.00
77 t	tert-Butylbenzene	1.363	1.362	0.1	84	0.00
78 t	1,2,4-Trimethylbenzene	1.336	1.409	-5.5	86	0.00
79 t	sec-Butylbenzene	1.793	1.846	-3.0	85	0.00
80	Nitrobenzene	0.011	0.005	54.5#	41	0.00
81 t	p-Isopropyltoluene	1.469	1.522	-3.6	85	0.00
82 t	1,3-Dichlorobenzene	0.705	0.742	-5.2	87	0.00
83 Rt	1,4-Dichlorobenzene	0.700	0.741	-5.9	88	0.00
84 t	n-Butylbenzene	1.316	1.379	-4.8	83	0.00
85 Rt	1,2-Dichlorobenzene	0.667	0.702	-5.2	88	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.052	0.046	11.5	69	0.00
87 Rt	1,2,4-Trichlorobenzene	0.411	0.439	-6.8	84	0.00
88 t	Hexachlorobutadiene	0.245	0.268	-9.4	90	0.00
89 t	Naphthalene	0.790	0.732	7.3	74	0.00
90 t	1,2,3-Trichlorobenzene	0.375	0.405	-8.0	84	0.00

(#) = Out of Range

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