

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063500.D
 Acq On : 14 Jul 2025 08:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:29:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	74	0.00
2 T	Dichlorodifluoromethane	0.398	0.365	8.3	67	0.00
3 P	Chloromethane	0.484	0.410	15.3	70	0.00
4 C	Vinyl Chloride	0.537	0.506	5.8#	73	0.00
5 T	Bromomethane	0.376	0.393	-4.5	79	0.00
6 T	Chloroethane	0.389	0.348	10.5	74	0.00
7 T	Trichlorofluoromethane	0.866	0.881	-1.7	74	0.00
8 T	Diethyl Ether	0.361	0.360	0.3	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.512	0.519	-1.4	73	0.00
10 T	Methyl Iodide	0.535	0.521	2.6	65	0.00
11 T	Tert butyl alcohol	0.214	0.232	-8.4	83	0.00
12 CM	1,1-Dichloroethene	0.477	0.463	2.9#	74	0.00
13 T	Acrolein	0.030	0.029	3.3	77	0.00
14 T	Allyl chloride	1.135	1.112	2.0	76	0.00
15 T	Acrylonitrile	0.458	0.522	-14.0	80	0.00
16 T	Acetone	0.535	0.556	-3.9	84	0.00
17 T	Carbon Disulfide	1.140	0.919	19.4	74	0.00
18 T	Methyl Acetate	1.377	1.603	-16.4	74	0.00
19 T	Methyl tert-butyl Ether	2.057	2.174	-5.7	73	0.00
20 T	Methylene Chloride	0.780	0.601	22.9#	68	0.00
21 T	trans-1,2-Dichloroethene	0.513	0.485	5.5	78	0.00
22 T	Diisopropyl ether	1.933	2.062	-6.7	77	0.00
23 T	Vinyl Acetate	1.500	1.633	-8.9	78	0.00
24 P	1,1-Dichloroethane	1.097	1.145	-4.4	75	0.00
25 T	2-Butanone	0.601	0.687	-14.3	78	0.00
26 T	2,2-Dichloropropane	0.955	1.011	-5.9	77	0.00
27 T	cis-1,2-Dichloroethene	0.676	0.695	-2.8	77	0.00
28 T	Bromochloromethane	0.515	0.541	-5.0	77	0.00
29 T	Tetrahydrofuran	0.379	0.429	-13.2	79	0.00
30 C	Chloroform	1.158	1.236	-6.7#	77	0.00
31 T	Cyclohexane	0.882	0.802	9.1	69	0.00
32 T	1,1,1-Trichloroethane	0.986	1.056	-7.1	77	0.00
33 S	1,2-Dichloroethane-d4	0.638	0.654	-2.5	74	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.301	0.301	0.0	74	0.00
36 T	1,1-Dichloropropene	0.410	0.403	1.7	78	0.00
37 T	Ethyl Acetate	0.663	0.654	1.4	79	0.00
38 T	Carbon Tetrachloride	0.451	0.451	0.0	75	0.00
39 T	Methylcyclohexane	0.495	0.459	7.3	70	0.00
40 TM	Benzene	1.279	1.321	-3.3	73	0.00
41 T	Methacrylonitrile	0.313	0.344	-9.9	75	0.00
42 TM	1,2-Dichloroethane	0.481	0.527	-9.6	78	0.00
43 T	Isopropyl Acetate	0.881	0.972	-10.3	76	0.00
44 TM	Trichloroethene	0.342	0.339	0.9	76	0.00
45 C	1,2-Dichloropropane	0.356	0.378	-6.2#	75	0.00
46 T	Dibromomethane	0.253	0.272	-7.5	76	0.00
47 T	Bromodichloromethane	0.526	0.550	-4.6	76	0.00
48 T	Methyl methacrylate	0.407	0.447	-9.8	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.009	0.008	11.1	64	0.00
50 S	Toluene-d8	0.982	0.938	4.5	71	0.00
51 T	4-Methyl-2-Pentanone	0.638	0.706	-10.7	72	0.00
52 CM	Toluene	0.837	0.849	-1.4#	77	0.00
53 T	t-1,3-Dichloropropene	0.460	0.491	-6.7	73	0.00
54 T	cis-1,3-Dichloropropene	0.515	0.567	-10.1	75	0.00
55 T	1,1,2-Trichloroethane	0.355	0.378	-6.5	77	0.00
56 T	Ethyl methacrylate	0.573	0.587	-2.4	71	0.00
57 T	1,3-Dichloropropane	0.586	0.620	-5.8	76	0.00
58 T	2-Chloroethyl Vinyl ether	0.006	0.008	-33.3#	95	0.00
59 T	2-Hexanone	0.482	0.522	-8.3	67	0.00
60 T	Dibromochloromethane	0.398	0.440	-10.6	77	0.00
61 T	1,2-Dibromoethane	0.349	0.361	-3.4	76	0.00
62 S	4-Bromofluorobenzene	0.430	0.422	1.9	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.372	0.360	3.2	73	0.00
65 PM	Chlorobenzene	1.040	1.112	-6.9	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.357	0.382	-7.0	73	0.00
67 C	Ethyl Benzene	1.788	1.851	-3.5#	76	0.00
68 T	m/p-Xylenes	0.682	0.696	-2.1	75	0.00
69 T	o-Xylene	0.694	0.712	-2.6	75	0.00
70 T	Styrene	1.103	1.189	-7.8	75	0.00
71 P	Bromoform	0.311	0.340	-9.3	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
73 T	Isopropylbenzene	3.402	3.590	-5.5	75	0.00
74 T	N-amyl acetate	1.526	1.647	-7.9	62	0.00
75 P	1,1,2,2-Tetrachloroethane	1.252	1.381	-10.3	77	0.00
76 T	1,2,3-Trichloropropane	1.325	1.431	-8.0	78	0.00
77 T	Bromobenzene	0.834	0.869	-4.2	75	0.00
78 T	n-propylbenzene	3.946	4.191	-6.2	75	0.00
79 T	2-Chlorotoluene	2.475	2.666	-7.7	75	0.00
80 T	1,3,5-Trimethylbenzene	2.976	3.163	-6.3	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.266	0.271	-1.9	76	0.00
82 T	4-Chlorotoluene	2.809	3.040	-8.2	76	0.00
83 T	tert-Butylbenzene	2.854	3.096	-8.5	75	0.00
84 T	1,2,4-Trimethylbenzene	2.922	3.104	-6.2	74	0.00
85 T	sec-Butylbenzene	3.766	3.993	-6.0	75	0.00
86 T	p-Isopropyltoluene	3.055	3.298	-8.0	75	0.00
87 T	1,3-Dichlorobenzene	1.607	1.739	-8.2	78	0.00
88 T	1,4-Dichlorobenzene	1.638	1.736	-6.0	78	0.00
89 T	n-Butylbenzene	2.827	3.007	-6.4	73	0.00
90 T	Hexachloroethane	0.511	0.564	-10.4	78	0.00
91 T	1,2-Dichlorobenzene	1.567	1.698	-8.4	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.297	0.363	-22.2#	80	0.00
93 T	1,2,4-Trichlorobenzene	1.004	1.061	-5.7	71	0.00
94 T	Hexachlorobutadiene	0.429	0.445	-3.7	70	0.00
95 T	Naphthalene	3.287	3.402	-3.5	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.986	1.045	-6.0	69	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6