

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
 Data File : VU063709.D
 Acq On : 12 Nov 2025 08:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 04:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:41:19 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	90	0.00
2 T	Dichlorodifluoromethane	0.302	0.278	7.9	92	0.00
3 P	Chloromethane	0.351	0.286	18.5	89	0.00
4 C	Vinyl Chloride	0.371	0.338	8.9#	90	0.00
5 T	Bromomethane	0.261	0.248	5.0	100	0.00
6 T	Chloroethane	0.281	0.270	3.9	97	0.00
7 T	Trichlorofluoromethane	0.711	0.680	4.4	94	0.00
8 T	Diethyl Ether	0.302	0.298	1.3	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.452	0.446	1.3	94	0.00
10 T	Methyl Iodide	0.450	0.504	-12.0	90	0.00
11 T	Tert butyl alcohol	0.172	0.149	13.4	87	0.00
12 CM	1,1-Dichloroethene	0.389	0.364	6.4#	93	0.00
13 T	Acrolein	0.014	0.010	28.6#	78	0.00
14 T	Allyl chloride	0.725	0.687	5.2	91	0.00
15 T	Acrylonitrile	0.353	0.358	-1.4	92	0.00
16 T	Acetone	0.483	0.469	2.9	106	0.00
17 T	Carbon Disulfide	0.572	0.450	21.3#	86	0.00
18 T	Methyl Acetate	1.146	1.323	-15.4	93	0.00
19 T	Methyl tert-butyl Ether	1.754	1.778	-1.4	95	0.00
20 T	Methylene Chloride	0.551	0.489	11.3	94	0.00
21 T	trans-1,2-Dichloroethene	0.399	0.373	6.5	92	0.00
22 T	Diisopropyl ether	1.597	1.591	0.4	95	0.00
23 T	Vinyl Acetate	1.089	1.052	3.4	91	0.00
24 P	1,1-Dichloroethane	0.921	0.898	2.5	93	0.00
25 T	2-Butanone	0.509	0.520	-2.2	96	0.00
26 T	2,2-Dichloropropane	0.791	0.749	5.3	89	0.00
27 T	cis-1,2-Dichloroethene	0.583	0.576	1.2	95	0.00
28 T	Bromochloromethane	0.369	0.447	-21.1#	102	0.00
29 T	Tetrahydrofuran	0.296	0.289	2.4	90	0.00
30 C	Chloroform	1.009	1.029	-2.0#	97	0.00
31 T	Cyclohexane	0.650	0.581	10.6	92	0.00
32 T	1,1,1-Trichloroethane	0.828	0.824	0.5	93	0.00
33 S	1,2-Dichloroethane-d4	0.739	0.729	1.4	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.350	0.344	1.7	93	0.00
36 T	1,1-Dichloropropene	0.356	0.323	9.3	90	0.00
37 T	Ethyl Acetate	0.505	0.465	7.9	92	0.00
38 T	Carbon Tetrachloride	0.385	0.361	6.2	91	0.00
39 T	Methylcyclohexane	0.405	0.370	8.6	90	0.00
40 TM	Benzene	1.150	1.115	3.0	95	0.00
41 T	Methacrylonitrile	0.262	0.258	1.5	91	0.00
42 TM	1,2-Dichloroethane	0.454	0.463	-2.0	97	0.00
43 T	Isopropyl Acetate	0.740	0.731	1.2	93	0.00
44 TM	Trichloroethene	0.323	0.306	5.3	95	0.00
45 C	1,2-Dichloropropane	0.313	0.308	1.6#	93	0.00
46 T	Dibromomethane	0.235	0.246	-4.7	98	0.00
47 T	Bromodichloromethane	0.476	0.480	-0.8	96	0.00
48 T	Methyl methacrylate	0.363	0.360	0.8	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.010	0.009	10.0	91	0.00
50 S	Toluene-d8	1.258	1.172	6.8	89	0.00
51 T	4-Methyl-2-Pentanone	0.566	0.563	0.5	93	0.00
52 CM	Toluene	0.746	0.728	2.4#	93	0.00
53 T	t-1,3-Dichloropropene	0.401	0.378	5.7	91	0.00
54 T	cis-1,3-Dichloropropene	0.449	0.436	2.9	92	0.00
55 T	1,1,2-Trichloroethane	0.343	0.351	-2.3	97	0.00
56 T	Ethyl methacrylate	0.505	0.524	-3.8	95	0.00
57 T	1,3-Dichloropropane	0.559	0.558	0.2	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.006	0.006	0.0	108	0.00
59 T	2-Hexanone	0.422	0.424	-0.5	93	0.00
60 T	Dibromochloromethane	0.359	0.367	-2.2	97	0.00
61 T	1,2-Dibromoethane	0.330	0.339	-2.7	96	0.00
62 S	4-Bromofluorobenzene	0.520	0.516	0.8	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.323	0.322	0.3	95	0.00
65 PM	Chlorobenzene	0.977	0.946	3.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.332	0.335	-0.9	95	0.00
67 C	Ethyl Benzene	1.627	1.587	2.5#	94	0.00
68 T	m/p-Xylenes	0.601	0.601	0.0	94	0.00
69 T	o-Xylene	0.620	0.610	1.6	94	0.00
70 T	Styrene	0.996	1.030	-3.4	95	0.00
71 P	Bromoform	0.268	0.270	-0.7	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.141	3.065	2.4	95	0.00
74 T	N-amyl acetate	1.094	1.042	4.8	88	0.00
75 P	1,1,2,2-Tetrachloroethane	1.206	1.187	1.6	97	0.00
76 T	1,2,3-Trichloropropane	1.260	1.202	4.6	93	0.00
77 T	Bromobenzene	0.790	0.777	1.6	97	0.00
78 T	n-propylbenzene	3.604	3.505	2.7	92	0.00
79 T	2-Chlorotoluene	2.329	2.219	4.7	94	0.00
80 T	1,3,5-Trimethylbenzene	2.634	2.623	0.4	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.233	1.7	89	0.00
82 T	4-Chlorotoluene	2.647	2.560	3.3	95	0.00
83 T	tert-Butylbenzene	2.744	2.655	3.2	94	0.00
84 T	1,2,4-Trimethylbenzene	2.585	2.536	1.9	93	0.00
85 T	sec-Butylbenzene	3.466	3.353	3.3	92	0.00
86 T	p-Isopropyltoluene	2.782	2.765	0.6	92	0.00
87 T	1,3-Dichlorobenzene	1.485	1.468	1.1	94	0.00
88 T	1,4-Dichlorobenzene	1.554	1.489	4.2	94	0.00
89 T	n-Butylbenzene	2.555	2.364	7.5	89	0.00
90 T	Hexachloroethane	0.424	0.407	4.0	91	0.00
91 T	1,2-Dichlorobenzene	1.483	1.451	2.2	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.247	0.246	0.4	90	0.00
93 T	1,2,4-Trichlorobenzene	0.945	0.890	5.8	89	0.00
94 T	Hexachlorobutadiene	0.476	0.463	2.7	93	0.00
95 T	Naphthalene	2.560	2.330	9.0	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.879	0.835	5.0	87	0.00

(#) = Out of Range

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