

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087676.D
 Acq On : 28 Aug 2025 11:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 29 03:14:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	86	0.00
2 T	Dichlorodifluoromethane	0.710	0.787	-10.8	83	0.00
3 P	Chloromethane	0.730	0.784	-7.4	84	0.00
4 C	Vinyl Chloride	0.846	0.895	-5.8#	85	0.00
5 T	Bromomethane	0.437	0.445	-1.8	85	0.00
6 T	Chloroethane	0.595	0.615	-3.4	87	0.00
7 T	Trichlorofluoromethane	1.240	1.363	-9.9	92	0.00
8 T	Diethyl Ether	0.540	0.533	1.3	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.701	0.722	-3.0	89	0.00
10 T	Methyl Iodide	0.450	0.409	9.1	73	0.00
11 T	Tert butyl alcohol	0.178	0.171	3.9	80	0.00
12 CM	1,1-Dichloroethene	0.721	0.723	-0.3#	88	0.00
13 T	Acrolein	0.219	0.227	-3.7	90	0.00
14 T	Allyl chloride	1.306	1.083	17.1	75	0.00
15 T	Acrylonitrile	0.502	0.501	0.2	86	0.00
16 T	Acetone	0.558	0.490	12.2	80	0.00
17 T	Carbon Disulfide	1.985	1.917	3.4	82	0.00
18 T	Methyl Acetate	1.168	1.310	-12.2	97	0.00
19 T	Methyl tert-butyl Ether	2.704	2.738	-1.3	86	0.00
20 T	Methylene Chloride	0.948	0.824	13.1	86	0.00
21 T	trans-1,2-Dichloroethene	0.781	0.749	4.1	85	0.00
22 T	Diisopropyl ether	2.819	2.929	-3.9	87	0.00
23 T	Vinyl Acetate	2.565	2.543	0.9	81	0.00
24 P	1,1-Dichloroethane	1.546	1.521	1.6	87	0.00
25 T	2-Butanone	0.734	0.708	3.5	83	0.00
26 T	2,2-Dichloropropane	1.327	0.622	53.1#	40#	0.00
27 T	cis-1,2-Dichloroethene	0.934	0.914	2.1	83	0.00
28 T	Bromochloromethane	0.747	0.756	-1.2	92	0.00
29 T	Tetrahydrofuran	0.472	0.479	-1.5	87	0.00
30 C	Chloroform	1.578	1.618	-2.5#	88	0.00
31 T	Cyclohexane	1.289	1.258	2.4	87	0.00
32 T	1,1,1-Trichloroethane	1.337	1.361	-1.8	89	0.00
33 S	1,2-Dichloroethane-d4	1.024	1.110	-8.4	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.361	0.399	-10.5	100	0.00
36 T	1,1-Dichloropropene	0.554	0.548	1.1	87	0.00
37 T	Ethyl Acetate	0.757	0.738	2.5	84	0.00
38 T	Carbon Tetrachloride	0.547	0.582	-6.4	90	0.00
39 T	Methylcyclohexane	0.610	0.595	2.5	85	0.00
40 TM	Benzene	1.699	1.741	-2.5	87	0.00
41 T	Methacrylonitrile	0.392	0.393	-0.3	85	0.00
42 TM	1,2-Dichloroethane	0.653	0.669	-2.5	87	0.00
43 T	Isopropyl Acetate	1.182	1.210	-2.4	85	0.00
44 TM	Trichloroethene	0.388	0.381	1.8	85	0.00
45 C	1,2-Dichloropropane	0.448	0.442	1.3#	86	0.00
46 T	Dibromomethane	0.319	0.329	-3.1	87	0.00
47 T	Bromodichloromethane	0.653	0.672	-2.9	88	0.00
48 T	Methyl methacrylate	0.559	0.576	-3.0	87	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	84	0.00
50 S	Toluene-d8	1.351	1.482	-9.7	102	0.00
51 T	4-Methyl-2-Pentanone	0.713	0.762	-6.9	87	0.00
52 CM	Toluene	1.053	1.088	-3.3#	87	0.00
53 T	t-1,3-Dichloropropene	0.676	0.619	8.4	74	0.00
54 T	cis-1,3-Dichloropropene	0.702	0.647	7.8	76	0.00
55 T	1,1,2-Trichloroethane	0.407	0.421	-3.4	87	0.00
56 T	Ethyl methacrylate	0.651	0.708	-8.8	84	0.00
57 T	1,3-Dichloropropane	0.721	0.762	-5.7	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.352	0.363	-3.1	86	0.00
59 T	2-Hexanone	0.451	0.516	-14.4	85	0.00
60 T	Dibromochloromethane	0.472	0.483	-2.3	87	0.00
61 T	1,2-Dibromoethane	0.430	0.437	-1.6	85	0.00
62 S	4-Bromofluorobenzene	0.481	0.534	-11.0	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.347	0.359	-3.5	96	0.00
65 PM	Chlorobenzene	1.244	1.243	0.1	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.440	-6.5	88	0.00
67 C	Ethyl Benzene	2.154	2.227	-3.4#	87	0.00
68 T	m/p-Xylenes	0.790	0.822	-4.1	85	0.00
69 T	o-Xylene	0.774	0.802	-3.6	84	0.00
70 T	Styrene	1.297	1.409	-8.6	85	0.00
71 P	Bromoform	0.317	0.333	-5.0	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	4.040	4.142	-2.5	86	0.00
74 T	N-amyl acetate	1.531	1.482	3.2	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.391	1.429	-2.7	88	0.00
76 T	1,2,3-Trichloropropane	1.173	1.139	2.9	89	0.00
77 T	Bromobenzene	0.953	0.960	-0.7	86	0.00
78 T	n-propylbenzene	4.977	5.164	-3.8	86	0.00
79 T	2-Chlorotoluene	2.995	3.094	-3.3	87	0.00
80 T	1,3,5-Trimethylbenzene	3.428	3.537	-3.2	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.443	0.356	19.6	66	0.00
82 T	4-Chlorotoluene	3.149	3.154	-0.2	84	0.00
83 T	tert-Butylbenzene	2.856	3.033	-6.2	87	0.00
84 T	1,2,4-Trimethylbenzene	3.431	3.638	-6.0	87	0.00
85 T	sec-Butylbenzene	4.239	4.430	-4.5	88	0.00
86 T	p-Isopropyltoluene	3.500	3.628	-3.7	86	0.00
87 T	1,3-Dichlorobenzene	1.876	1.887	-0.6	87	0.00
88 T	1,4-Dichlorobenzene	1.952	1.924	1.4	87	0.00
89 T	n-Butylbenzene	3.476	3.510	-1.0	85	0.00
90 T	Hexachloroethane	0.667	0.731	-9.6	94	0.00
91 T	1,2-Dichlorobenzene	1.780	1.815	-2.0	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.330	0.323	2.1	86	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.042	2.5	85	0.00
94 T	Hexachlorobutadiene	0.381	0.357	6.3	85	0.00
95 T	Naphthalene	3.786	3.789	-0.1	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.045	1.021	2.3	85	0.00

(#) = Out of Range

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