

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087976.D
 Acq On : 29 Sep 2025 12:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 30 03:51:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 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	87	0.00
2 T	Dichlorodifluoromethane	0.579	0.549	5.2	91	0.00
3 P	Chloromethane	0.593	0.604	-1.9	99	0.00
4 C	Vinyl Chloride	0.605	0.605	0.0	96	0.00
5 T	Bromomethane	0.375	0.388	-3.5	106	-0.01
6 T	Chloroethane	0.393	0.428	-8.9	105	0.00
7 T	Trichlorofluoromethane	0.985	1.018	-3.4	101	0.00
8 T	Diethyl Ether	0.372	0.390	-4.8	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.521	0.530	-1.7	98	-0.01
10 T	Methyl Iodide	0.468	0.572	-22.2	108	-0.01
11 T	Tert butyl alcohol	0.121	0.144	-19.0	117	0.02
12 CM	1,1-Dichloroethene	0.525	0.549	-4.6#	102	0.00
13 T	Acrolein	0.156	0.173	-10.9	126	0.00
14 T	Allyl chloride	0.855	0.862	-0.8	99	0.00
15 T	Acrylonitrile	0.380	0.431	-13.4	108	0.00
16 T	Acetone	0.346	0.357	-3.2	105	0.00
17 T	Carbon Disulfide	1.641	1.536	6.4	90	0.00
18 T	Methyl Acetate	0.866	1.082	-24.9	116	0.00
19 T	Methyl tert-butyl Ether	2.052	2.226	-8.5	102	0.00
20 T	Methylene Chloride	0.701	0.710	-1.3	100	-0.01
21 T	trans-1,2-Dichloroethene	0.644	0.648	-0.6	99	0.00
22 T	Diisopropyl ether	1.996	2.224	-11.4	107	0.00
23 T	Vinyl Acetate	1.681	1.780	-5.9	99	0.00
24 P	1,1-Dichloroethane	1.166	1.222	-4.8	101	0.00
25 T	2-Butanone	0.529	0.603	-14.0	110	0.00
26 T	2,2-Dichloropropane	1.036	0.912	12.0	86	0.00
27 T	cis-1,2-Dichloroethene	0.766	0.795	-3.8	101	0.00
28 T	Bromochloromethane	0.634	0.601	5.2	79	0.00
29 T	Tetrahydrofuran	0.339	0.396	-16.8	111	0.00
30 C	Chloroform	1.275	1.364	-7.0#	104	0.00
31 T	Cyclohexane	0.944	0.900	4.7	95	0.00
32 T	1,1,1-Trichloroethane	1.077	1.153	-7.1	105	0.00
33 S	1,2-Dichloroethane-d4	0.841	0.855	-1.7	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.363	0.346	4.7	85	0.00
36 T	1,1-Dichloropropene	0.437	0.443	-1.4	99	0.00
37 T	Ethyl Acetate	0.573	0.623	-8.7	106	0.00
38 T	Carbon Tetrachloride	0.501	0.499	0.4	98	0.00
39 T	Methylcyclohexane	0.482	0.461	4.4	94	0.00
40 TM	Benzene	1.445	1.498	-3.7	101	0.00
41 T	Methacrylonitrile	0.296	0.327	-10.5	103	0.00
42 TM	1,2-Dichloroethane	0.539	0.553	-2.6	104	0.00
43 T	Isopropyl Acetate	0.902	0.966	-7.1	105	0.00
44 TM	Trichloroethene	0.345	0.342	0.9	99	0.00
45 C	1,2-Dichloropropane	0.362	0.386	-6.6#	106	0.00
46 T	Dibromomethane	0.286	0.303	-5.9	106	0.00
47 T	Bromodichloromethane	0.561	0.595	-6.1	104	0.00
48 T	Methyl methacrylate	0.418	0.452	-8.1	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.007	-16.7	121	0.01
50 S	Toluene-d8	1.277	1.228	3.8	83	0.00
51 T	4-Methyl-2-Pentanone	0.563	0.652	-15.8	110	0.00
52 CM	Toluene	0.907	0.954	-5.2#	102	0.00
53 T	t-1,3-Dichloropropene	0.574	0.581	-1.2	100	0.00
54 T	cis-1,3-Dichloropropene	0.596	0.605	-1.5	101	0.00
55 T	1,1,2-Trichloroethane	0.369	0.394	-6.8	106	0.00
56 T	Ethyl methacrylate	0.533	0.606	-13.7	107	0.00
57 T	1,3-Dichloropropane	0.607	0.649	-6.9	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.251	0.338	-34.7#	140	0.00
59 T	2-Hexanone	0.372	0.440	-18.3	109	0.00
60 T	Dibromochloromethane	0.434	0.451	-3.9	102	0.00
61 T	1,2-Dibromoethane	0.390	0.412	-5.6	104	0.00
62 S	4-Bromofluorobenzene	0.456	0.438	3.9	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.305	0.295	3.3	96	0.00
65 PM	Chlorobenzene	1.064	1.074	-0.9	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.391	-1.8	102	0.00
67 C	Ethyl Benzene	1.775	1.786	-0.6#	101	0.00
68 T	m/p-Xylenes	0.679	0.704	-3.7	100	0.00
69 T	o-Xylene	0.652	0.664	-1.8	101	0.00
70 T	Styrene	1.120	1.187	-6.0	101	0.00
71 P	Bromoform	0.311	0.331	-6.4	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.099	3.134	-1.1	101	0.00
74 T	N-amyl acetate	1.021	0.953	6.7	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.117	1.149	-2.9	106	0.00
76 T	1,2,3-Trichloropropane	0.986	0.936	5.1	98	0.00
77 T	Bromobenzene	0.825	0.840	-1.8	106	0.00
78 T	n-propylbenzene	3.874	3.853	0.5	101	0.00
79 T	2-Chlorotoluene	2.359	2.308	2.2	100	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.750	-2.6	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.355	0.346	2.5	102	0.00
82 T	4-Chlorotoluene	2.377	2.473	-4.0	104	0.00
83 T	tert-Butylbenzene	2.269	2.304	-1.5	101	0.00
84 T	1,2,4-Trimethylbenzene	2.749	2.856	-3.9	103	0.00
85 T	sec-Butylbenzene	3.326	3.351	-0.8	101	0.00
86 T	p-Isopropyltoluene	2.817	2.827	-0.4	100	0.00
87 T	1,3-Dichlorobenzene	1.609	1.633	-1.5	105	0.00
88 T	1,4-Dichlorobenzene	1.654	1.668	-0.8	107	0.00
89 T	n-Butylbenzene	2.662	2.664	-0.1	102	0.00
90 T	Hexachloroethane	0.588	0.571	2.9	102	0.00
91 T	1,2-Dichlorobenzene	1.551	1.563	-0.8	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.259	0.269	-3.9	110	0.00
93 T	1,2,4-Trichlorobenzene	0.916	0.913	0.3	104	0.00
94 T	Hexachlorobutadiene	0.337	0.334	0.9	103	0.00
95 T	Naphthalene	2.939	3.112	-5.9	108	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	0.874	1.8	101	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5