

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088013.D
 Acq On : 03 Oct 2025 10:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 04 02:51:17 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	83	0.00
2 T	Dichlorodifluoromethane	0.579	0.562	2.9	89	0.00
3 P	Chloromethane	0.593	0.587	1.0	92	0.00
4 C	Vinyl Chloride	0.605	0.613	-1.3#	92	0.00
5 T	Bromomethane	0.375	0.384	-2.4	100	0.00
6 T	Chloroethane	0.393	0.446	-13.5	105	0.00
7 T	Trichlorofluoromethane	0.985	1.069	-8.5	101	0.00
8 T	Diethyl Ether	0.372	0.403	-8.3	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.521	0.557	-6.9	98	0.00
10 T	Methyl Iodide	0.468	0.519	-10.9	93	0.00
11 T	Tert butyl alcohol	0.121	0.114	5.8	88	0.00
12 CM	1,1-Dichloroethene	0.525	0.558	-6.3#	99	0.01
13 T	Acrolein	0.156	0.096	38.5#	66	0.00
14 T	Allyl chloride	0.855	0.801	6.3	88	0.00
15 T	Acrylonitrile	0.380	0.424	-11.6	101	0.00
16 T	Acetone	0.346	0.336	2.9	94	0.00
17 T	Carbon Disulfide	1.641	1.536	6.4	86	0.00
18 T	Methyl Acetate	0.866	1.141	-31.8#	117	0.00
19 T	Methyl tert-butyl Ether	2.052	2.332	-13.6	102	0.00
20 T	Methylene Chloride	0.701	0.774	-10.4	104	0.00
21 T	trans-1,2-Dichloroethene	0.644	0.688	-6.8	100	0.00
22 T	Diisopropyl ether	1.996	2.386	-19.5	109	0.00
23 T	Vinyl Acetate	1.681	2.038	-21.2	108	0.00
24 P	1,1-Dichloroethane	1.166	1.316	-12.9	104	0.00
25 T	2-Butanone	0.529	0.565	-6.8	98	0.00
26 T	2,2-Dichloropropane	1.036	0.664	35.9#	59	0.00
27 T	cis-1,2-Dichloroethene	0.766	0.852	-11.2	103	0.00
28 T	Bromochloromethane	0.634	0.609	3.9	77	0.00
29 T	Tetrahydrofuran	0.339	0.382	-12.7	102	0.00
30 C	Chloroform	1.275	1.461	-14.6#	106	0.00
31 T	Cyclohexane	0.944	0.941	0.3	95	0.00
32 T	1,1,1-Trichloroethane	1.077	1.190	-10.5	103	0.00
33 S	1,2-Dichloroethane-d4	0.841	0.895	-6.4	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.363	0.362	0.3	86	0.00
36 T	1,1-Dichloropropene	0.437	0.453	-3.7	98	0.00
37 T	Ethyl Acetate	0.573	0.620	-8.2	103	0.00
38 T	Carbon Tetrachloride	0.501	0.526	-5.0	101	0.00
39 T	Methylcyclohexane	0.482	0.457	5.2	91	0.00
40 TM	Benzene	1.445	1.547	-7.1	102	0.00
41 T	Methacrylonitrile	0.296	0.312	-5.4	96	0.00
42 TM	1,2-Dichloroethane	0.539	0.561	-4.1	103	0.00
43 T	Isopropyl Acetate	0.902	0.980	-8.6	104	0.00
44 TM	Trichloroethene	0.345	0.349	-1.2	98	0.00
45 C	1,2-Dichloropropane	0.362	0.394	-8.8#	105	0.00
46 T	Dibromomethane	0.286	0.316	-10.5	108	0.00
47 T	Bromodichloromethane	0.561	0.619	-10.3	106	0.00
48 T	Methyl methacrylate	0.418	0.460	-10.0	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	88	0.00
50 S	Toluene-d8	1.277	1.265	0.9	83	0.00
51 T	4-Methyl-2-Pentanone	0.563	0.636	-13.0	105	0.00
52 CM	Toluene	0.907	0.956	-5.4#	100	0.00
53 T	t-1,3-Dichloropropene	0.574	0.569	0.9	96	0.00
54 T	cis-1,3-Dichloropropene	0.596	0.572	4.0	93	0.00
55 T	1,1,2-Trichloroethane	0.369	0.405	-9.8	106	0.00
56 T	Ethyl methacrylate	0.533	0.614	-15.2	106	0.00
57 T	1,3-Dichloropropane	0.607	0.664	-9.4	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.251	0.356	-41.8#	144	0.00
59 T	2-Hexanone	0.372	0.431	-15.9	104	0.00
60 T	Dibromochloromethane	0.434	0.476	-9.7	105	0.00
61 T	1,2-Dibromoethane	0.390	0.425	-9.0	104	0.00
62 S	4-Bromofluorobenzene	0.456	0.443	2.9	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.305	0.318	-4.3	100	0.00
65 PM	Chlorobenzene	1.064	1.106	-3.9	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.408	-6.2	103	0.00
67 C	Ethyl Benzene	1.775	1.865	-5.1#	102	0.00
68 T	m/p-Xylenes	0.679	0.725	-6.8	100	0.00
69 T	o-Xylene	0.652	0.699	-7.2	103	0.00
70 T	Styrene	1.120	1.229	-9.7	102	0.00
71 P	Bromoform	0.311	0.332	-6.8	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.099	3.341	-7.8	101	0.00
74 T	N-amyl acetate	1.021	1.061	-3.9	102	0.00
75 P	1,1,2,2-Tetrachloroethane	1.117	1.194	-6.9	104	0.00
76 T	1,2,3-Trichloropropane	0.986	0.931	5.6	91	0.00
77 T	Bromobenzene	0.825	0.865	-4.8	103	0.00
78 T	n-propylbenzene	3.874	4.098	-5.8	100	0.00
79 T	2-Chlorotoluene	2.359	2.442	-3.5	99	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.847	-6.2	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.355	0.308	13.2	85	0.00
82 T	4-Chlorotoluene	2.377	2.550	-7.3	101	0.00
83 T	tert-Butylbenzene	2.269	2.454	-8.2	101	0.00
84 T	1,2,4-Trimethylbenzene	2.749	2.959	-7.6	100	0.00
85 T	sec-Butylbenzene	3.326	3.523	-5.9	100	0.00
86 T	p-Isopropyltoluene	2.817	2.958	-5.0	98	0.00
87 T	1,3-Dichlorobenzene	1.609	1.682	-4.5	102	0.00
88 T	1,4-Dichlorobenzene	1.654	1.722	-4.1	104	0.00
89 T	n-Butylbenzene	2.662	2.660	0.1	95	0.00
90 T	Hexachloroethane	0.588	0.608	-3.4	102	0.00
91 T	1,2-Dichlorobenzene	1.551	1.588	-2.4	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.259	0.258	0.4	99	0.00
93 T	1,2,4-Trichlorobenzene	0.916	0.870	5.0	93	0.00
94 T	Hexachlorobutadiene	0.337	0.303	10.1	88	0.00
95 T	Naphthalene	2.939	3.105	-5.6	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	0.883	0.8	96	0.00

(#) = Out of Range

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