

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088437.D
 Acq On : 04 Dec 2025 11:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 05 00:11:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 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	102	0.00
2 T	Dichlorodifluoromethane	0.751	0.777	-3.5	107	0.00
3 P	Chloromethane	0.807	0.795	1.5	101	0.00
4 C	Vinyl Chloride	0.821	0.817	0.5#	103	0.00
5 T	Bromomethane	0.395	0.389	1.5	100	0.00
6 T	Chloroethane	0.508	0.535	-5.3	108	0.00
7 T	Trichlorofluoromethane	1.153	1.253	-8.7	117	0.00
8 T	Diethyl Ether	0.433	0.454	-4.8	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.634	-3.3	115	0.00
10 T	Methyl Iodide	0.608	0.546	10.2	84	0.00
11 T	Tert butyl alcohol	0.150	0.134	10.7	85	0.01
12 CM	1,1-Dichloroethene	0.610	0.619	-1.5#	111	0.00
13 T	Acrolein	0.144	0.167	-16.0	113	0.00
14 T	Allyl chloride	1.131	1.123	0.7	100	0.00
15 T	Acrylonitrile	0.434	0.455	-4.8	99	0.00
16 T	Acetone	0.341	0.315	7.6	96	0.00
17 T	Carbon Disulfide	1.993	1.982	0.6	102	0.00
18 T	Methyl Acetate	1.014	1.116	-10.1	108	0.00
19 T	Methyl tert-butyl Ether	2.285	2.509	-9.8	102	0.00
20 T	Methylene Chloride	0.729	0.747	-2.5	101	0.00
21 T	trans-1,2-Dichloroethene	0.676	0.705	-4.3	105	0.00
22 T	Diisopropyl ether	2.414	2.700	-11.8	107	0.00
23 T	Vinyl Acetate	1.945	2.420	-24.4	115	0.00
24 P	1,1-Dichloroethane	1.367	1.487	-8.8	106	0.00
25 T	2-Butanone	0.548	0.571	-4.2	98	0.00
26 T	2,2-Dichloropropane	1.180	1.260	-6.8	107	0.00
27 T	cis-1,2-Dichloroethene	0.785	0.832	-6.0	102	0.00
28 T	Bromochloromethane	0.681	0.770	-13.1	107	0.00
29 T	Tetrahydrofuran	0.393	0.434	-10.4	103	0.00
30 C	Chloroform	1.343	1.514	-12.7#	111	0.00
31 T	Cyclohexane	1.239	1.244	-0.4	112	0.00
32 T	1,1,1-Trichloroethane	1.181	1.277	-8.1	112	0.00
33 S	1,2-Dichloroethane-d4	0.942	1.041	-10.5	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.346	0.396	-14.5	107	0.00
36 T	1,1-Dichloropropene	0.535	0.576	-7.7	111	0.00
37 T	Ethyl Acetate	0.703	0.767	-9.1	101	0.00
38 T	Carbon Tetrachloride	0.532	0.618	-16.2	117	0.00
39 T	Methylcyclohexane	0.572	0.599	-4.7	107	0.00
40 TM	Benzene	1.570	1.743	-11.0	106	0.00
41 T	Methacrylonitrile	0.348	0.407	-17.0	108	0.00
42 TM	1,2-Dichloroethane	0.599	0.729	-21.7	112	0.00
43 T	Isopropyl Acetate	1.074	1.194	-11.2	101	0.00
44 TM	Trichloroethene	0.371	0.385	-3.8	102	0.00
45 C	1,2-Dichloropropane	0.402	0.462	-14.9#	108	0.00
46 T	Dibromomethane	0.287	0.330	-15.0	107	0.00
47 T	Bromodichloromethane	0.586	0.676	-15.4	108	0.00
48 T	Methyl methacrylate	0.490	0.576	-17.6	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.006	0.0	92	0.00
50 S	Toluene-d8	1.289	1.429	-10.9	105	0.00
51 T	4-Methyl-2-Pentanone	0.633	0.758	-19.7	107	0.00
52 CM	Toluene	0.906	1.057	-16.7#	109	0.00
53 T	t-1,3-Dichloropropene	0.601	0.686	-14.1	103	0.00
54 T	cis-1,3-Dichloropropene	0.632	0.728	-15.2	104	0.00
55 T	1,1,2-Trichloroethane	0.351	0.402	-14.5	108	0.00
56 T	Ethyl methacrylate	0.554	0.686	-23.8	105	0.00
57 T	1,3-Dichloropropane	0.633	0.732	-15.6	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.319	0.389	-21.9	101	0.00
59 T	2-Hexanone	0.399	0.484	-21.3	105	0.00
60 T	Dibromochloromethane	0.400	0.472	-18.0	109	0.00
61 T	1,2-Dibromoethane	0.355	0.406	-14.4	104	0.00
62 S	4-Bromofluorobenzene	0.442	0.507	-14.7	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.396	0.360	9.1	97	0.00
65 PM	Chlorobenzene	1.123	1.171	-4.3	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.412	-8.7	109	0.00
67 C	Ethyl Benzene	1.963	2.112	-7.6#	110	0.00
68 T	m/p-Xylenes	0.728	0.801	-10.0	111	0.00
69 T	o-Xylene	0.694	0.741	-6.8	108	0.00
70 T	Styrene	1.127	1.295	-14.9	110	0.00
71 P	Bromoform	0.277	0.313	-13.0	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.697	4.024	-8.8	112	0.00
74 T	N-amyl acetate	1.259	1.013	19.5	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.195	1.316	-10.1	118	0.00
76 T	1,2,3-Trichloropropane	1.171	1.258	-7.4	106	0.00
77 T	Bromobenzene	0.846	0.937	-10.8	109	0.00
78 T	n-propylbenzene	4.523	4.975	-10.0	113	0.00
79 T	2-Chlorotoluene	2.762	2.926	-5.9	109	0.00
80 T	1,3,5-Trimethylbenzene	3.063	3.424	-11.8	113	0.00
81 T	trans-1,4-Dichloro-2-butene	0.413	0.478	-15.7	112	0.00
82 T	4-Chlorotoluene	2.743	3.124	-13.9	110	0.00
83 T	tert-Butylbenzene	2.604	2.797	-7.4	112	0.00
84 T	1,2,4-Trimethylbenzene	3.045	3.472	-14.0	112	0.00
85 T	sec-Butylbenzene	3.741	4.031	-7.8	113	0.00
86 T	p-Isopropyltoluene	3.068	3.358	-9.5	111	0.00
87 T	1,3-Dichlorobenzene	1.647	1.790	-8.7	112	0.00
88 T	1,4-Dichlorobenzene	1.725	1.810	-4.9	109	0.00
89 T	n-Butylbenzene	2.979	3.192	-7.2	112	0.00
90 T	Hexachloroethane	0.560	0.607	-8.4	114	0.00
91 T	1,2-Dichlorobenzene	1.550	1.664	-7.4	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.290	0.304	-4.8	106	0.00
93 T	1,2,4-Trichlorobenzene	0.921	0.923	-0.2	105	0.00
94 T	Hexachlorobutadiene	0.331	0.343	-3.6	117	0.00
95 T	Naphthalene	3.190	3.389	-6.2	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.896	0.915	-2.1	105	0.00

(#) = Out of Range

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