

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088416.D
 Acq On : 03 Dec 2025 10:09
 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 04 00:13:28 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	105	0.00
2 T	Dichlorodifluoromethane	0.751	0.792	-5.5	112	0.00
3 P	Chloromethane	0.807	0.770	4.6	101	0.00
4 C	Vinyl Chloride	0.821	0.811	1.2#	105	0.00
5 T	Bromomethane	0.395	0.366	7.3	97	0.00
6 T	Chloroethane	0.508	0.505	0.6	105	0.00
7 T	Trichlorofluoromethane	1.153	1.213	-5.2	116	0.00
8 T	Diethyl Ether	0.433	0.421	2.8	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.625	-1.8	116	0.00
10 T	Methyl Iodide	0.608	0.526	13.5	83	0.00
11 T	Tert butyl alcohol	0.150	0.120	20.0	78	0.00
12 CM	1,1-Dichloroethene	0.610	0.613	-0.5#	113	0.00
13 T	Acrolein	0.144	0.161	-11.8	112	0.00
14 T	Allyl chloride	1.131	1.085	4.1	99	0.00
15 T	Acrylonitrile	0.434	0.427	1.6	96	0.00
16 T	Acetone	0.341	0.260	23.8	81	0.00
17 T	Carbon Disulfide	1.993	1.975	0.9	104	0.00
18 T	Methyl Acetate	1.014	1.031	-1.7	103	0.00
19 T	Methyl tert-butyl Ether	2.285	2.392	-4.7	100	0.00
20 T	Methylene Chloride	0.729	0.725	0.5	100	0.00
21 T	trans-1,2-Dichloroethene	0.676	0.683	-1.0	104	0.00
22 T	Diisopropyl ether	2.414	2.536	-5.1	103	0.00
23 T	Vinyl Acetate	1.945	2.289	-17.7	112	0.00
24 P	1,1-Dichloroethane	1.367	1.405	-2.8	103	-0.01
25 T	2-Butanone	0.548	0.502	8.4	88	0.00
26 T	2,2-Dichloropropane	1.180	1.223	-3.6	106	0.00
27 T	cis-1,2-Dichloroethene	0.785	0.798	-1.7	101	0.00
28 T	Bromochloromethane	0.681	0.707	-3.8	101	0.00
29 T	Tetrahydrofuran	0.393	0.399	-1.5	97	0.00
30 C	Chloroform	1.343	1.414	-5.3#	106	0.00
31 T	Cyclohexane	1.239	1.251	-1.0	116	0.00
32 T	1,1,1-Trichloroethane	1.181	1.235	-4.6	112	0.00
33 S	1,2-Dichloroethane-d4	0.942	0.983	-4.4	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.346	0.378	-9.2	104	0.00
36 T	1,1-Dichloropropene	0.535	0.566	-5.8	111	0.00
37 T	Ethyl Acetate	0.703	0.716	-1.8	96	0.00
38 T	Carbon Tetrachloride	0.532	0.605	-13.7	116	0.00
39 T	Methylcyclohexane	0.572	0.618	-8.0	113	0.00
40 TM	Benzene	1.570	1.684	-7.3	104	0.00
41 T	Methacrylonitrile	0.348	0.375	-7.8	101	0.00
42 TM	1,2-Dichloroethane	0.599	0.684	-14.2	107	0.00
43 T	Isopropyl Acetate	1.074	1.127	-4.9	97	0.00
44 TM	Trichloroethene	0.371	0.368	0.8	99	0.00
45 C	1,2-Dichloropropane	0.402	0.437	-8.7#	104	0.00
46 T	Dibromomethane	0.287	0.313	-9.1	103	0.00
47 T	Bromodichloromethane	0.586	0.641	-9.4	105	0.00
48 T	Methyl methacrylate	0.490	0.545	-11.2	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.005	16.7	78	0.00
50 S	Toluene-d8	1.289	1.390	-7.8	104	0.00
51 T	4-Methyl-2-Pentanone	0.633	0.708	-11.8	101	0.00
52 CM	Toluene	0.906	1.030	-13.7#	108	0.00
53 T	t-1,3-Dichloropropene	0.601	0.653	-8.7	99	0.00
54 T	cis-1,3-Dichloropropene	0.632	0.698	-10.4	101	0.00
55 T	1,1,2-Trichloroethane	0.351	0.383	-9.1	104	0.00
56 T	Ethyl methacrylate	0.554	0.649	-17.1	101	0.00
57 T	1,3-Dichloropropane	0.633	0.686	-8.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.319	0.374	-17.2	99	0.00
59 T	2-Hexanone	0.399	0.441	-10.5	97	0.00
60 T	Dibromochloromethane	0.400	0.440	-10.0	103	0.00
61 T	1,2-Dibromoethane	0.355	0.383	-7.9	100	0.00
62 S	4-Bromofluorobenzene	0.442	0.489	-10.6	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.396	0.363	8.3	97	0.00
65 PM	Chlorobenzene	1.123	1.147	-2.1	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.397	-4.7	104	0.00
67 C	Ethyl Benzene	1.963	2.096	-6.8#	109	0.00
68 T	m/p-Xylenes	0.728	0.792	-8.8	108	0.00
69 T	o-Xylene	0.694	0.734	-5.8	106	0.00
70 T	Styrene	1.127	1.267	-12.4	107	0.00
71 P	Bromoform	0.277	0.297	-7.2	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.697	3.947	-6.8	111	0.00
74 T	N-amyl acetate	1.259	0.985	21.8	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.195	1.203	-0.7	109	0.00
76 T	1,2,3-Trichloropropane	1.171	1.200	-2.5	102	0.00
77 T	Bromobenzene	0.846	0.866	-2.4	103	0.00
78 T	n-propylbenzene	4.523	4.869	-7.6	112	0.00
79 T	2-Chlorotoluene	2.762	2.860	-3.5	108	0.00
80 T	1,3,5-Trimethylbenzene	3.063	3.332	-8.8	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.413	0.428	-3.6	102	0.00
82 T	4-Chlorotoluene	2.743	3.026	-10.3	108	0.00
83 T	tert-Butylbenzene	2.604	2.734	-5.0	111	0.00
84 T	1,2,4-Trimethylbenzene	3.045	3.303	-8.5	109	0.00
85 T	sec-Butylbenzene	3.741	3.976	-6.3	113	0.00
86 T	p-Isopropyltoluene	3.068	3.301	-7.6	111	0.00
87 T	1,3-Dichlorobenzene	1.647	1.671	-1.5	106	0.00
88 T	1,4-Dichlorobenzene	1.725	1.703	1.3	104	0.00
89 T	n-Butylbenzene	2.979	3.139	-5.4	112	0.00
90 T	Hexachloroethane	0.560	0.590	-5.4	113	0.00
91 T	1,2-Dichlorobenzene	1.550	1.580	-1.9	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.290	0.288	0.7	102	0.00
93 T	1,2,4-Trichlorobenzene	0.921	0.889	3.5	102	0.00
94 T	Hexachlorobutadiene	0.331	0.333	-0.6	115	0.00
95 T	Naphthalene	3.190	3.145	1.4	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.896	0.879	1.9	103	0.00

(#) = Out of Range

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