

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088514.D
 Acq On : 10 Dec 2025 19:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 02:16:10 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	97	0.00
2 T	Dichlorodifluoromethane	0.751	0.737	1.9	97	0.00
3 P	Chloromethane	0.807	0.816	-1.1	99	0.00
4 C	Vinyl Chloride	0.821	0.826	-0.6#	99	0.00
5 T	Bromomethane	0.395	0.394	0.3	97	0.00
6 T	Chloroethane	0.508	0.545	-7.3	105	0.00
7 T	Trichlorofluoromethane	1.153	1.207	-4.7	108	0.00
8 T	Diethyl Ether	0.433	0.478	-10.4	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.624	-1.6	108	0.00
10 T	Methyl Iodide	0.608	0.564	7.2	83	0.00
11 T	Tert butyl alcohol	0.150	0.150	0.0	90	0.00
12 CM	1,1-Dichloroethene	0.610	0.617	-1.1#	106	0.00
13 T	Acrolein	0.144	0.180	-25.0#	116	0.00
14 T	Allyl chloride	1.131	1.232	-8.9	105	0.00
15 T	Acrylonitrile	0.434	0.504	-16.1	105	0.00
16 T	Acetone	0.341	0.502	-47.2#	146	0.00
17 T	Carbon Disulfide	1.993	1.904	4.5	94	0.00
18 T	Methyl Acetate	1.014	1.354	-33.5#	126	0.00
19 T	Methyl tert-butyl Ether	2.285	2.738	-19.8	107	0.00
20 T	Methylene Chloride	0.729	0.798	-9.5	103	0.00
21 T	trans-1,2-Dichloroethene	0.676	0.723	-7.0	103	0.00
22 T	Diisopropyl ether	2.414	2.957	-22.5	112	0.00
23 T	Vinyl Acetate	1.945	2.647	-36.1#	121	0.00
24 P	1,1-Dichloroethane	1.367	1.583	-15.8	108	0.00
25 T	2-Butanone	0.548	0.723	-31.9#	118	0.00
26 T	2,2-Dichloropropane	1.180	1.228	-4.1	99	0.00
27 T	cis-1,2-Dichloroethene	0.785	0.883	-12.5	104	0.00
28 T	Bromochloromethane	0.681	0.845	-24.1	112	0.00
29 T	Tetrahydrofuran	0.393	0.476	-21.1	108	0.00
30 C	Chloroform	1.343	1.631	-21.4#	114	0.00
31 T	Cyclohexane	1.239	1.167	5.8	100	0.00
32 T	1,1,1-Trichloroethane	1.181	1.333	-12.9	112	0.00
33 S	1,2-Dichloroethane-d4	0.942	1.144	-21.4	112	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.346	0.383	-10.7	108	0.00
36 T	1,1-Dichloropropene	0.535	0.534	0.2	107	0.00
37 T	Ethyl Acetate	0.703	0.801	-13.9	110	0.00
38 T	Carbon Tetrachloride	0.532	0.565	-6.2	112	0.00
39 T	Methylcyclohexane	0.572	0.514	10.1	96	0.00
40 TM	Benzene	1.570	1.671	-6.4	106	0.00
41 T	Methacrylonitrile	0.348	0.405	-16.4	112	0.00
42 TM	1,2-Dichloroethane	0.599	0.707	-18.0	114	0.00
43 T	Isopropyl Acetate	1.074	1.208	-12.5	107	0.00
44 TM	Trichloroethene	0.371	0.357	3.8	99	0.00
45 C	1,2-Dichloropropane	0.402	0.455	-13.2#	111	0.00
46 T	Dibromomethane	0.287	0.325	-13.2	110	0.00
47 T	Bromodichloromethane	0.586	0.676	-15.4	113	0.00
48 T	Methyl methacrylate	0.490	0.580	-18.4	112	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	1.289	1.364	-5.8	105	0.00
51 T	4-Methyl-2-Pentanone	0.633	0.774	-22.3	114	0.00
52 CM	Toluene	0.906	1.013	-11.8#	110	0.00
53 T	t-1,3-Dichloropropene	0.601	0.679	-13.0	106	0.00
54 T	cis-1,3-Dichloropropene	0.632	0.706	-11.7	105	0.00
55 T	1,1,2-Trichloroethane	0.351	0.401	-14.2	112	0.00
56 T	Ethyl methacrylate	0.554	0.676	-22.0	109	0.00
57 T	1,3-Dichloropropane	0.633	0.735	-16.1	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.319	0.392	-22.9	107	0.00
59 T	2-Hexanone	0.399	0.513	-28.6#	116	0.00
60 T	Dibromochloromethane	0.400	0.468	-17.0	113	0.00
61 T	1,2-Dibromoethane	0.355	0.403	-13.5	108	0.00
62 S	4-Bromofluorobenzene	0.442	0.502	-13.6	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.396	0.325	17.9	90	0.00
65 PM	Chlorobenzene	1.123	1.157	-3.0	109	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.417	-10.0	113	0.00
67 C	Ethyl Benzene	1.963	2.040	-3.9#	109	0.00
68 T	m/p-Xylenes	0.728	0.766	-5.2	109	0.00
69 T	o-Xylene	0.694	0.735	-5.9	110	0.00
70 T	Styrene	1.127	1.287	-14.2	112	0.00
71 P	Bromoform	0.277	0.310	-11.9	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.697	3.679	0.5	110	0.00
74 T	N-amyl acetate	1.259	1.224	2.8	127	0.00
75 P	1,1,2,2-Tetrachloroethane	1.195	1.276	-6.8	122	0.00
76 T	1,2,3-Trichloropropane	1.171	1.246	-6.4	112	0.00
77 T	Bromobenzene	0.846	0.867	-2.5	109	0.00
78 T	n-propylbenzene	4.523	4.506	0.4	110	0.00
79 T	2-Chlorotoluene	2.762	2.763	-0.0	111	0.00
80 T	1,3,5-Trimethylbenzene	3.063	3.165	-3.3	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.413	0.407	1.5	102	0.00
82 T	4-Chlorotoluene	2.743	2.904	-5.9	110	0.00
83 T	tert-Butylbenzene	2.604	2.530	2.8	109	0.00
84 T	1,2,4-Trimethylbenzene	3.045	3.218	-5.7	112	0.00
85 T	sec-Butylbenzene	3.741	3.600	3.8	108	0.00
86 T	p-Isopropyltoluene	3.068	2.991	2.5	106	0.00
87 T	1,3-Dichlorobenzene	1.647	1.647	0.0	111	0.00
88 T	1,4-Dichlorobenzene	1.725	1.676	2.8	108	0.00
89 T	n-Butylbenzene	2.979	2.786	6.5	105	0.00
90 T	Hexachloroethane	0.560	0.556	0.7	112	0.00
91 T	1,2-Dichlorobenzene	1.550	1.590	-2.6	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.290	0.307	-5.9	115	0.00
93 T	1,2,4-Trichlorobenzene	0.921	0.838	9.0	102	0.00
94 T	Hexachlorobutadiene	0.331	0.272	17.8	99	0.00
95 T	Naphthalene	3.190	3.124	2.1	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.896	0.821	8.4	101	0.00

(#) = Out of Range

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