

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088394.D
 Acq On : 01 Dec 2025 19:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 02 00:19:23 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	96	0.00
2 T	Dichlorodifluoromethane	0.751	0.807	-7.5	104	0.00
3 P	Chloromethane	0.807	0.834	-3.3	99	0.00
4 C	Vinyl Chloride	0.821	0.871	-6.1#	103	0.00
5 T	Bromomethane	0.395	0.385	2.5	93	0.00
6 T	Chloroethane	0.508	0.556	-9.4	105	0.00
7 T	Trichlorofluoromethane	1.153	1.243	-7.8	109	0.00
8 T	Diethyl Ether	0.433	0.471	-8.8	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.660	-7.5	112	0.00
10 T	Methyl Iodide	0.608	0.608	0.0	88	0.00
11 T	Tert butyl alcohol	0.150	0.164	-9.3	97	0.01
12 CM	1,1-Dichloroethene	0.610	0.644	-5.6#	108	0.00
13 T	Acrolein	0.144	0.181	-25.7#	115	0.00
14 T	Allyl chloride	1.131	1.235	-9.2	103	0.00
15 T	Acrylonitrile	0.434	0.495	-14.1	102	0.00
16 T	Acetone	0.341	0.511	-49.9#	146	0.00
17 T	Carbon Disulfide	1.993	2.157	-8.2	104	0.00
18 T	Methyl Acetate	1.014	1.295	-27.7#	118	0.00
19 T	Methyl tert-butyl Ether	2.285	2.637	-15.4	101	0.00
20 T	Methylene Chloride	0.729	0.800	-9.7	101	0.00
21 T	trans-1,2-Dichloroethene	0.676	0.746	-10.4	104	0.00
22 T	Diisopropyl ether	2.414	2.747	-13.8	102	0.00
23 T	Vinyl Acetate	1.945	2.258	-16.1	101	0.00
24 P	1,1-Dichloroethane	1.367	1.549	-13.3	104	0.00
25 T	2-Butanone	0.548	0.723	-31.9#	116	0.00
26 T	2,2-Dichloropropane	1.180	1.235	-4.7	98	0.00
27 T	cis-1,2-Dichloroethene	0.785	0.892	-13.6	103	0.00
28 T	Bromochloromethane	0.681	0.690	-1.3	90	0.00
29 T	Tetrahydrofuran	0.393	0.466	-18.6	104	0.00
30 C	Chloroform	1.343	1.526	-13.6#	105	0.00
31 T	Cyclohexane	1.239	1.296	-4.6	109	0.00
32 T	1,1,1-Trichloroethane	1.181	1.305	-10.5	108	0.00
33 S	1,2-Dichloroethane-d4	0.942	0.968	-2.8	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.346	0.352	-1.7	94	0.00
36 T	1,1-Dichloropropene	0.535	0.557	-4.1	106	0.00
37 T	Ethyl Acetate	0.703	0.772	-9.8	101	0.00
38 T	Carbon Tetrachloride	0.532	0.582	-9.4	109	0.00
39 T	Methylcyclohexane	0.572	0.594	-3.8	106	0.00
40 TM	Benzene	1.570	1.698	-8.2	102	0.00
41 T	Methacrylonitrile	0.348	0.390	-12.1	102	0.00
42 TM	1,2-Dichloroethane	0.599	0.667	-11.4	102	0.00
43 T	Isopropyl Acetate	1.074	1.185	-10.3	100	0.00
44 TM	Trichloroethene	0.371	0.378	-1.9	99	0.00
45 C	1,2-Dichloropropane	0.402	0.446	-10.9#	103	0.00
46 T	Dibromomethane	0.287	0.321	-11.8	103	0.00
47 T	Bromodichloromethane	0.586	0.655	-11.8	104	0.00
48 T	Methyl methacrylate	0.490	0.560	-14.3	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.007	-16.7	99	0.00
50 S	Toluene-d8	1.289	1.283	0.5	94	0.00
51 T	4-Methyl-2-Pentanone	0.633	0.744	-17.5	104	0.00
52 CM	Toluene	0.906	1.009	-11.4#	104	0.00
53 T	t-1,3-Dichloropropene	0.601	0.662	-10.1	98	0.00
54 T	cis-1,3-Dichloropropene	0.632	0.694	-9.8	98	0.00
55 T	1,1,2-Trichloroethane	0.351	0.384	-9.4	102	0.00
56 T	Ethyl methacrylate	0.554	0.661	-19.3	101	0.00
57 T	1,3-Dichloropropane	0.633	0.695	-9.8	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.319	0.377	-18.2	97	0.00
59 T	2-Hexanone	0.399	0.504	-26.3#	108	0.00
60 T	Dibromochloromethane	0.400	0.444	-11.0	102	0.00
61 T	1,2-Dibromoethane	0.355	0.390	-9.9	99	0.00
62 S	4-Bromofluorobenzene	0.442	0.458	-3.6	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.396	0.373	5.8	95	0.00
65 PM	Chlorobenzene	1.123	1.190	-6.0	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.412	-8.7	103	0.00
67 C	Ethyl Benzene	1.963	2.130	-8.5#	105	0.00
68 T	m/p-Xylenes	0.728	0.791	-8.7	103	0.00
69 T	o-Xylene	0.694	0.763	-9.9	105	0.00
70 T	Styrene	1.127	1.269	-12.6	102	0.00
71 P	Bromoform	0.277	0.309	-11.6	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.697	3.944	-6.7	105	0.00
74 T	N-amyl acetate	1.259	1.232	2.1	114	0.00
75 P	1,1,2,2-Tetrachloroethane	1.195	1.231	-3.0	106	0.00
76 T	1,2,3-Trichloropropane	1.171	1.230	-5.0	99	0.00
77 T	Bromobenzene	0.846	0.904	-6.9	102	0.00
78 T	n-propylbenzene	4.523	4.848	-7.2	106	0.00
79 T	2-Chlorotoluene	2.762	2.888	-4.6	104	0.00
80 T	1,3,5-Trimethylbenzene	3.063	3.270	-6.8	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.413	0.417	-1.0	94	0.00
82 T	4-Chlorotoluene	2.743	2.979	-8.6	101	0.00
83 T	tert-Butylbenzene	2.604	2.762	-6.1	107	0.00
84 T	1,2,4-Trimethylbenzene	3.045	3.362	-10.4	105	0.00
85 T	sec-Butylbenzene	3.741	3.976	-6.3	107	0.00
86 T	p-Isopropyltoluene	3.068	3.292	-7.3	105	0.00
87 T	1,3-Dichlorobenzene	1.647	1.735	-5.3	105	0.00
88 T	1,4-Dichlorobenzene	1.725	1.735	-0.6	100	0.00
89 T	n-Butylbenzene	2.979	3.083	-3.5	104	0.00
90 T	Hexachloroethane	0.560	0.600	-7.1	109	0.00
91 T	1,2-Dichlorobenzene	1.550	1.656	-6.8	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.290	0.304	-4.8	102	0.00
93 T	1,2,4-Trichlorobenzene	0.921	0.925	-0.4	101	0.00
94 T	Hexachlorobutadiene	0.331	0.319	3.6	104	0.00
95 T	Naphthalene	3.190	3.350	-5.0	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.896	0.912	-1.8	101	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6