

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087946.D
 Acq On : 24 Sep 2025 15:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 25 03:11:38 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	73	0.00
2 T	Dichlorodifluoromethane	0.579	0.545	5.9	76	0.00
3 P	Chloromethane	0.593	0.752	-26.8#	103	0.00
4 C	Vinyl Chloride	0.605	0.693	-14.5#	92	0.00
5 T	Bromomethane	0.375	0.449	-19.7	103	0.00
6 T	Chloroethane	0.393	0.478	-21.6	98	0.00
7 T	Trichlorofluoromethane	0.985	1.006	-2.1	83	0.00
8 T	Diethyl Ether	0.372	0.507	-36.3#	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.521	0.544	-4.4	84	-0.01
10 T	Methyl Iodide	0.468	0.590	-26.1#	93	0.00
11 T	Tert butyl alcohol	0.121	0.162	-33.9#	110	0.00
12 CM	1,1-Dichloroethene	0.525	0.585	-11.4#	91	0.00
13 T	Acrolein	0.156	0.206	-32.1#	126	0.00
14 T	Allyl chloride	0.855	1.033	-20.8	99	0.00
15 T	Acrylonitrile	0.380	0.531	-39.7#	112	0.00
16 T	Acetone	0.346	0.419	-21.1	103	0.00
17 T	Carbon Disulfide	1.641	1.737	-5.9	85	0.00
18 T	Methyl Acetate	0.866	1.334	-54.0#	120	0.00
19 T	Methyl tert-butyl Ether	2.052	2.873	-40.0#	110	0.00
20 T	Methylene Chloride	0.701	0.890	-27.0#	105	0.00
21 T	trans-1,2-Dichloroethene	0.644	0.724	-12.4	93	0.00
22 T	Diisopropyl ether	1.996	2.781	-39.3#	111	0.00
23 T	Vinyl Acetate	1.681	2.584	-53.7#	121	0.00
24 P	1,1-Dichloroethane	1.166	1.470	-26.1#	102	0.00
25 T	2-Butanone	0.529	0.709	-34.0#	108	0.00
26 T	2,2-Dichloropropane	1.036	0.973	6.1	76	0.00
27 T	cis-1,2-Dichloroethene	0.766	0.974	-27.2#	103	0.00
28 T	Bromochloromethane	0.634	0.702	-10.7	77	0.00
29 T	Tetrahydrofuran	0.339	0.483	-42.5#	114	0.00
30 C	Chloroform	1.275	1.631	-27.9#	104	0.00
31 T	Cyclohexane	0.944	0.900	4.7	80	0.00
32 T	1,1,1-Trichloroethane	1.077	1.218	-13.1	93	0.00
33 S	1,2-Dichloroethane-d4	0.841	1.024	-21.8	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.363	0.400	-10.2	84	0.00
36 T	1,1-Dichloropropene	0.437	0.457	-4.6	87	0.00
37 T	Ethyl Acetate	0.573	0.781	-36.3#	114	0.00
38 T	Carbon Tetrachloride	0.501	0.509	-1.6	86	0.00
39 T	Methylcyclohexane	0.482	0.469	2.7	82	0.00
40 TM	Benzene	1.445	1.660	-14.9	96	0.00
41 T	Methacrylonitrile	0.296	0.392	-32.4#	106	0.00
42 TM	1,2-Dichloroethane	0.539	0.664	-23.2	107	0.00
43 T	Isopropyl Acetate	0.902	1.208	-33.9#	113	0.00
44 TM	Trichloroethene	0.345	0.356	-3.2	88	0.00
45 C	1,2-Dichloropropane	0.362	0.434	-19.9#	102	0.00
46 T	Dibromomethane	0.286	0.375	-31.1#	112	0.00
47 T	Bromodichloromethane	0.561	0.686	-22.3	103	0.00
48 T	Methyl methacrylate	0.418	0.562	-34.4#	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.008	-33.3#	110	0.00
50 S	Toluene-d8	1.277	1.240	2.9	72	0.00
51 T	4-Methyl-2-Pentanone	0.563	0.770	-36.8#	112	0.00
52 CM	Toluene	0.907	0.974	-7.4#	90	0.00
53 T	t-1,3-Dichloropropene	0.574	0.674	-17.4	100	0.00
54 T	cis-1,3-Dichloropropene	0.596	0.683	-14.6	98	0.00
55 T	1,1,2-Trichloroethane	0.369	0.465	-26.0#	107	0.00
56 T	Ethyl methacrylate	0.533	0.718	-34.7#	109	0.00
57 T	1,3-Dichloropropane	0.607	0.791	-30.3#	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.251	0.409	-62.9#	146	0.00
59 T	2-Hexanone	0.372	0.530	-42.5#	112	0.00
60 T	Dibromochloromethane	0.434	0.542	-24.9	105	0.00
61 T	1,2-Dibromoethane	0.390	0.487	-24.9	105	0.00
62 S	4-Bromofluorobenzene	0.456	0.439	3.7	72	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.305	0.313	-2.6	81	0.00
65 PM	Chlorobenzene	1.064	1.165	-9.5	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.461	-20.1	95	0.00
67 C	Ethyl Benzene	1.775	1.894	-6.7#	85	0.00
68 T	m/p-Xylenes	0.679	0.744	-9.6	84	0.00
69 T	o-Xylene	0.652	0.728	-11.7	88	0.00
70 T	Styrene	1.120	1.277	-14.0	87	0.00
71 P	Bromoform	0.311	0.413	-32.8#	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.00
73 T	Isopropylbenzene	3.099	3.422	-10.4	83	0.00
74 T	N-amyl acetate	1.021	0.941	7.8	72	0.00
75 P	1,1,2,2-Tetrachloroethane	1.117	1.531	-37.1#	106	0.00
76 T	1,2,3-Trichloropropane	0.986	1.207	-22.4	94	0.00
77 T	Bromobenzene	0.825	0.948	-14.9	90	0.00
78 T	n-propylbenzene	3.874	4.258	-9.9	83	0.00
79 T	2-Chlorotoluene	2.359	2.561	-8.6	83	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.978	-11.1	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.355	0.472	-33.0#	104	0.00
82 T	4-Chlorotoluene	2.377	2.673	-12.5	84	0.00
83 T	tert-Butylbenzene	2.269	2.492	-9.8	82	0.00
84 T	1,2,4-Trimethylbenzene	2.749	3.083	-12.1	83	0.00
85 T	sec-Butylbenzene	3.326	3.596	-8.1	81	0.00
86 T	p-Isopropyltoluene	2.817	3.099	-10.0	82	0.00
87 T	1,3-Dichlorobenzene	1.609	1.781	-10.7	86	0.00
88 T	1,4-Dichlorobenzene	1.654	1.791	-8.3	86	0.00
89 T	n-Butylbenzene	2.662	2.877	-8.1	82	0.00
90 T	Hexachloroethane	0.588	0.636	-8.2	85	0.00
91 T	1,2-Dichlorobenzene	1.551	1.763	-13.7	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.259	0.327	-26.3#	101	0.00
93 T	1,2,4-Trichlorobenzene	0.916	0.990	-8.1	85	0.00
94 T	Hexachlorobutadiene	0.337	0.366	-8.6	85	0.00
95 T	Naphthalene	2.939	3.655	-24.4	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	1.003	-12.7	87	0.00

(#) = Out of Range

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