

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100125\
 Data File : VN088001.D
 Acq On : 01 Oct 2025 09:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 01 09:24:32 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	92	0.00
2 T	Dichlorodifluoromethane	0.579	0.535	7.6	93	0.00
3 P	Chloromethane	0.593	0.553	6.7	96	0.00
4 C	Vinyl Chloride	0.605	0.596	1.5#	99	0.00
5 T	Bromomethane	0.375	0.372	0.8	107	0.00
6 T	Chloroethane	0.393	0.406	-3.3	105	0.00
7 T	Trichlorofluoromethane	0.985	1.003	-1.8	104	0.00
8 T	Diethyl Ether	0.372	0.381	-2.4	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.521	0.544	-4.4	105	0.00
10 T	Methyl Iodide	0.468	0.483	-3.2	96	0.00
11 T	Tert butyl alcohol	0.121	0.121	0.0	104	0.00
12 CM	1,1-Dichloroethene	0.525	0.533	-1.5#	104	0.01
13 T	Acrolein	0.156	0.130	16.7	100	0.00
14 T	Allyl chloride	0.855	0.842	1.5	102	0.00
15 T	Acrylonitrile	0.380	0.400	-5.3	106	0.00
16 T	Acetone	0.346	0.416	-20.2	128	0.00
17 T	Carbon Disulfide	1.641	1.504	8.3	93	0.00
18 T	Methyl Acetate	0.866	1.011	-16.7	114	0.00
19 T	Methyl tert-butyl Ether	2.052	2.223	-8.3	107	0.00
20 T	Methylene Chloride	0.701	0.695	0.9	103	0.00
21 T	trans-1,2-Dichloroethene	0.644	0.629	2.3	101	0.00
22 T	Diisopropyl ether	1.996	2.191	-9.8	110	0.00
23 T	Vinyl Acetate	1.681	1.959	-16.5	115	0.00
24 P	1,1-Dichloroethane	1.166	1.229	-5.4	107	0.00
25 T	2-Butanone	0.529	0.584	-10.4	112	0.00
26 T	2,2-Dichloropropane	1.036	1.097	-5.9	108	0.00
27 T	cis-1,2-Dichloroethene	0.766	0.796	-3.9	106	0.00
28 T	Bromochloromethane	0.634	0.583	8.0	81	0.00
29 T	Tetrahydrofuran	0.339	0.363	-7.1	107	0.00
30 C	Chloroform	1.275	1.357	-6.4#	109	0.00
31 T	Cyclohexane	0.944	0.914	3.2	102	0.00
32 T	1,1,1-Trichloroethane	1.077	1.100	-2.1	105	0.00
33 S	1,2-Dichloroethane-d4	0.841	0.802	4.6	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.363	0.347	4.4	86	0.00
36 T	1,1-Dichloropropene	0.437	0.457	-4.6	104	0.00
37 T	Ethyl Acetate	0.573	0.595	-3.8	103	0.00
38 T	Carbon Tetrachloride	0.501	0.518	-3.4	104	0.00
39 T	Methylcyclohexane	0.482	0.494	-2.5	103	0.00
40 TM	Benzene	1.445	1.522	-5.3	104	0.00
41 T	Methacrylonitrile	0.296	0.312	-5.4	101	0.00
42 TM	1,2-Dichloroethane	0.539	0.573	-6.3	110	0.00
43 T	Isopropyl Acetate	0.902	0.970	-7.5	108	0.00
44 TM	Trichloroethene	0.345	0.349	-1.2	103	0.00
45 C	1,2-Dichloropropane	0.362	0.384	-6.1#	107	0.00
46 T	Dibromomethane	0.286	0.303	-5.9	108	0.00
47 T	Bromodichloromethane	0.561	0.605	-7.8	108	0.00
48 T	Methyl methacrylate	0.418	0.445	-6.5	106	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.007	-16.7	113	0.00
50 S	Toluene-d8	1.277	1.204	5.7	83	0.00
51 T	4-Methyl-2-Pentanone	0.563	0.623	-10.7	108	0.00
52 CM	Toluene	0.907	0.959	-5.7#	105	0.00
53 T	t-1,3-Dichloropropene	0.574	0.626	-9.1	110	0.00
54 T	cis-1,3-Dichloropropene	0.596	0.633	-6.2	108	0.00
55 T	1,1,2-Trichloroethane	0.369	0.389	-5.4	106	0.00
56 T	Ethyl methacrylate	0.533	0.599	-12.4	108	0.00
57 T	1,3-Dichloropropane	0.607	0.662	-9.1	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.251	0.358	-42.6#	152#	0.00
59 T	2-Hexanone	0.372	0.444	-19.4	112	0.00
60 T	Dibromochloromethane	0.434	0.467	-7.6	108	0.00
61 T	1,2-Dibromoethane	0.390	0.416	-6.7	107	0.00
62 S	4-Bromofluorobenzene	0.456	0.421	7.7	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.305	0.312	-2.3	101	0.00
65 PM	Chlorobenzene	1.064	1.108	-4.1	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.416	-8.3	108	0.00
67 C	Ethyl Benzene	1.775	1.921	-8.2#	108	0.00
68 T	m/p-Xylenes	0.679	0.735	-8.2	104	0.00
69 T	o-Xylene	0.652	0.708	-8.6	107	0.00
70 T	Styrene	1.120	1.238	-10.5	105	0.00
71 P	Bromoform	0.311	0.323	-3.9	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.099	3.327	-7.4	105	0.00
74 T	N-amyl acetate	1.021	0.621	39.2#	62	0.00
75 P	1,1,2,2-Tetrachloroethane	1.117	1.153	-3.2	104	0.00
76 T	1,2,3-Trichloropropane	0.986	0.947	4.0	97	0.00
77 T	Bromobenzene	0.825	0.859	-4.1	106	0.00
78 T	n-propylbenzene	3.874	4.176	-7.8	107	0.00
79 T	2-Chlorotoluene	2.359	2.507	-6.3	107	0.00
80 T	1,3,5-Trimethylbenzene	2.680	2.910	-8.6	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.355	0.386	-8.7	111	0.00
82 T	4-Chlorotoluene	2.377	2.597	-9.3	107	0.00
83 T	tert-Butylbenzene	2.269	2.441	-7.6	105	0.00
84 T	1,2,4-Trimethylbenzene	2.749	2.979	-8.4	105	0.00
85 T	sec-Butylbenzene	3.326	3.564	-7.2	105	0.00
86 T	p-Isopropyltoluene	2.817	3.042	-8.0	106	0.00
87 T	1,3-Dichlorobenzene	1.609	1.714	-6.5	108	0.00
88 T	1,4-Dichlorobenzene	1.654	1.703	-3.0	107	0.00
89 T	n-Butylbenzene	2.662	2.857	-7.3	107	0.00
90 T	Hexachloroethane	0.588	0.618	-5.1	109	0.00
91 T	1,2-Dichlorobenzene	1.551	1.583	-2.1	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.259	0.261	-0.8	105	0.00
93 T	1,2,4-Trichlorobenzene	0.916	0.936	-2.2	105	0.00
94 T	Hexachlorobutadiene	0.337	0.324	3.9	98	0.00
95 T	Naphthalene	2.939	3.098	-5.4	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	0.920	-3.4	104	0.00

(#) = Out of Range

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