

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087337.D
 Acq On : 17 Jul 2025 09:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 18 01:19:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 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	112	0.00
2 T	Dichlorodifluoromethane	0.531	0.584	-10.0	105	0.00
3 P	Chloromethane	0.668	0.680	-1.8	110	0.00
4 C	Vinyl Chloride	0.664	0.666	-0.3#	102	0.00
5 T	Bromomethane	0.344	0.359	-4.4	113	0.00
6 T	Chloroethane	0.433	0.433	0.0	110	0.00
7 T	Trichlorofluoromethane	0.981	0.950	3.2	104	0.00
8 T	Diethyl Ether	0.381	0.379	0.5	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.504	0.509	-1.0	109	0.00
10 T	Methyl Iodide	0.452	0.536	-18.6	121	0.00
11 T	Tert butyl alcohol	0.161	0.158	1.9	110	0.00
12 CM	1,1-Dichloroethene	0.571	0.529	7.4#	109	0.00
13 T	Acrolein	0.129	0.136	-5.4	125	0.00
14 T	Allyl chloride	1.033	0.966	6.5	108	0.00
15 T	Acrylonitrile	0.437	0.429	1.8	106	0.00
16 T	Acetone	0.398	0.387	2.8	112	0.00
17 T	Carbon Disulfide	1.693	1.652	2.4	107	0.00
18 T	Methyl Acetate	0.999	0.930	6.9	105	0.00
19 T	Methyl tert-butyl Ether	2.104	2.107	-0.1	109	0.00
20 T	Methylene Chloride	0.766	0.665	13.2	111	0.00
21 T	trans-1,2-Dichloroethene	0.644	0.616	4.3	106	0.00
22 T	Diisopropyl ether	2.167	2.248	-3.7	110	0.00
23 T	Vinyl Acetate	1.895	1.893	0.1	100	0.00
24 P	1,1-Dichloroethane	1.250	1.200	4.0	110	0.00
25 T	2-Butanone	0.615	0.611	0.7	106	0.00
26 T	2,2-Dichloropropane	0.972	1.045	-7.5	119	0.00
27 T	cis-1,2-Dichloroethene	0.741	0.750	-1.2	109	0.00
28 T	Bromochloromethane	0.598	0.637	-6.5	120	0.00
29 T	Tetrahydrofuran	0.399	0.398	0.3	105	0.00
30 C	Chloroform	1.251	1.224	2.2#	107	0.00
31 T	Cyclohexane	1.043	1.015	2.7	109	0.00
32 T	1,1,1-Trichloroethane	1.084	1.040	4.1	107	0.00
33 S	1,2-Dichloroethane-d4	0.848	0.860	-1.4	120	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
35 S	Dibromofluoromethane	0.345	0.351	-1.7	118	0.00
36 T	1,1-Dichloropropene	0.456	0.469	-2.9	108	0.00
37 T	Ethyl Acetate	0.658	0.644	2.1	102	0.00
38 T	Carbon Tetrachloride	0.502	0.497	1.0	107	0.00
39 T	Methylcyclohexane	0.493	0.535	-8.5	113	0.00
40 TM	Benzene	1.473	1.499	-1.8	108	0.00
41 T	Methacrylonitrile	0.344	0.361	-4.9	110	-0.01
42 TM	1,2-Dichloroethane	0.558	0.550	1.4	108	0.00
43 T	Isopropyl Acetate	1.022	1.046	-2.3	109	0.00
44 TM	Trichloroethene	0.348	0.338	2.9	106	0.00
45 C	1,2-Dichloropropane	0.374	0.373	0.3#	106	0.00
46 T	Dibromomethane	0.280	0.269	3.9	104	0.00
47 T	Bromodichloromethane	0.564	0.555	1.6	109	0.00
48 T	Methyl methacrylate	0.460	0.485	-5.4	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	114	0.00
50 S	Toluene-d8	1.230	1.298	-5.5	119	0.00
51 T	4-Methyl-2-Pentanone	0.646	0.662	-2.5	107	0.00
52 CM	Toluene	0.895	0.927	-3.6#	108	0.00
53 T	t-1,3-Dichloropropene	0.571	0.594	-4.0	107	0.00
54 T	cis-1,3-Dichloropropene	0.590	0.619	-4.9	110	0.00
55 T	1,1,2-Trichloroethane	0.362	0.355	1.9	108	0.00
56 T	Ethyl methacrylate	0.552	0.615	-11.4	110	0.00
57 T	1,3-Dichloropropane	0.627	0.639	-1.9	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.297	0.332	-11.8	107	0.00
59 T	2-Hexanone	0.429	0.469	-9.3	106	0.00
60 T	Dibromochloromethane	0.413	0.408	1.2	106	0.00
61 T	1,2-Dibromoethane	0.381	0.375	1.6	109	0.00
62 S	4-Bromofluorobenzene	0.455	0.478	-5.1	118	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.322	0.315	2.2	107	0.00
65 PM	Chlorobenzene	1.123	1.104	1.7	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.382	0.388	-1.6	108	0.00
67 C	Ethyl Benzene	1.848	1.914	-3.6#	108	0.00
68 T	m/p-Xylenes	0.692	0.741	-7.1	107	0.00
69 T	o-Xylene	0.661	0.706	-6.8	107	0.00
70 T	Styrene	1.112	1.226	-10.3	107	0.00
71 P	Bromoform	0.308	0.319	-3.6	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.147	3.452	-9.7	110	0.00
74 T	N-amyl acetate	1.307	1.246	4.7	118	0.00
75 P	1,1,2,2-Tetrachloroethane	1.184	1.174	0.8	105	0.00
76 T	1,2,3-Trichloropropane	1.121	1.162	-3.7	106	0.00
77 T	Bromobenzene	0.816	0.844	-3.4	105	0.00
78 T	n-propylbenzene	3.959	4.256	-7.5	107	0.00
79 T	2-Chlorotoluene	2.433	2.514	-3.3	107	0.00
80 T	1,3,5-Trimethylbenzene	2.681	2.908	-8.5	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.410	0.482	-17.6	129	0.00
82 T	4-Chlorotoluene	2.533	2.609	-3.0	107	0.00
83 T	tert-Butylbenzene	2.239	2.523	-12.7	113	0.00
84 T	1,2,4-Trimethylbenzene	2.738	2.983	-8.9	107	0.00
85 T	sec-Butylbenzene	3.373	3.607	-6.9	109	0.00
86 T	p-Isopropyltoluene	2.703	3.081	-14.0	111	0.00
87 T	1,3-Dichlorobenzene	1.602	1.606	-0.2	105	0.00
88 T	1,4-Dichlorobenzene	1.711	1.643	4.0	104	0.00
89 T	n-Butylbenzene	2.581	2.887	-11.9	113	0.00
90 T	Hexachloroethane	0.573	0.586	-2.3	110	0.00
91 T	1,2-Dichlorobenzene	1.517	1.565	-3.2	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.311	0.284	8.7	102	0.00
93 T	1,2,4-Trichlorobenzene	0.891	0.935	-4.9	108	0.00
94 T	Hexachlorobutadiene	0.331	0.384	-16.0	126	0.00
95 T	Naphthalene	3.158	3.351	-6.1	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.894	0.948	-6.0	111	0.00

(#) = Out of Range

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